

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

CATALOG
No. 153

1953 AUTUMN PLANTING

Contents	Planting	Page
Trees	Oct.-Dec.	6, 14
Evergreens	Sep.-Oct.	4, 6, 12
Shrubs	Oct.-Dec.	7, 16
Broadleaves	Sep.-Oct.	9, 10
Roses	Nov.-Dec.	7, 24
Bulbs	Oct.-Dec.	20
Perennials	Aug.-Oct.	22
Fruit	Oct.-Dec.	17-20
Hedges	Sep.-Oct.	5
Ground Cover	Sep.-Oct.	8

Time of planting is important: Evergreens best from now to early October (they need late Fall for root growth)—deciduous plants from October to frost.

Return Postage Guaranteed

Form 3547 requested.

KELSEY NURSERY SERVICE

Highlands, N. J.

(formerly New York)
Established 1878

Highlands 3-1439 (Office Only)

To Our Customers:

WE HANDLE the products of more than 30 growers, over 20,000 farm acres. Plants grown in local nurseries on suburban land worth \$1000 an acre are no whit better than ours, grown on farm land at far lower costs. We sell direct to you as principals, not in any way as agents.

WE OFFER the most complete list we know of. No one grower can produce all varieties, hence not all parts of a long assorted order can always be shipped together. Indeed it is often advantageous to have some things grown by specialists who grow nothing else: fruits, perennials, roses, and several of the more difficult plants, for example.

WE OFFER mostly small and medium sizes. Within these limits our prices are usually lower than most local nurseries, even when express charges are allowed for. It pays to plant small, since nursery stock increases in value as it gets older, takes hold readily and shapes up in a year or two.

WE ASK confidently for your order. We try to be more than fair, always.

Kelsey Nursery Service

SEC. 34.66, P. L. & R.

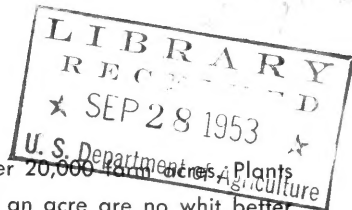
U. S. POSTAGE

PAID

HIGHLANDS, N. J.

Permit No. 2

U. S. Dept. Agriculture
Att: Ralph R. Shaw
Washington 25, D. C.



A black and white line drawing of a woman and a man standing next to a large, open box. The woman, on the left, is seen from the back, wearing a dark, short-sleeved top and light-colored trousers with a large, dark, rectangular patch on the back pocket. She has her hands on her hips. The man, on the right, is wearing a light-colored, short-sleeved shirt and dark trousers. He is leaning over the box, which has a label that says 'Box' on its side. The box is open, and the man appears to be looking at something inside. The background is plain.

Cut along dotted line

Quantity	NAME OF PLANT	Size	Amount



Fill in the order form and enclose check. Shipment is made with express charges collected on arrival. You will get a prompt acknowledgment of order indicating approximate shipping time.

We will allow a credit of 50% of the catalog value of any stock that dies the first year. Credit to be used on future orders as you wish.

PACKING COSTS—Free if cash accompanies order, except stock dug with a ball of earth. Otherwise, packing is charged at cost (usually 10% of cost of stock). Balled, heavy evergreens: we will estimate costs in advance if you wish.

LIMITED RESPONSIBILITY—We disclaim responsibility for any reason in amounts greater than invoiced.

PRICES—Net at the nursery. Transportation to be added at actual cost. Usually 5 sold at rate per 10, 50 at 100 rate.

CLAIMS for errors, shortages or other causes must be made within 10 days.

ORDER NOW—DON'T WAIT

Unlike other things you buy, nursery stock must be ordered in advance—long before the right shipping time. Why? Because our whole year's shipments come in a few months' time and there is never enough help. Shipments are scheduled long in advance. Order now, we will ship at proper time later.

Photo: Naturalized Narcissus.

See Page 21.

BOOKS

How To Landscape Your Grounds (Johnson). Not to be found in any other landscape book are its planting plans covering practically every section of the country. A complete guide to the planning, construction and planting of the garden and grounds..... \$3.50

THE HOW AND WHY OF BETTER GARDENING

by Laurence Manning

Thousands of gardeners have found this basic book of "more real help than a shelf of cyclopedias." "Very helpful," "exciting as a novel," "certainly no other book exists like it," "unlocks the doors and makes everything simple and understandable."

If you have been confused by the complex rules and instructions in ordinary garden books, you will find here quick, sure enlightenment. Yet expert gardeners, even more than beginners, are writing about this book's surprising usefulness.

Don't deny yourself this small purchase—
"pays for itself ten times over."

\$3.50

postpaid



The Book of Trees (Hottes).

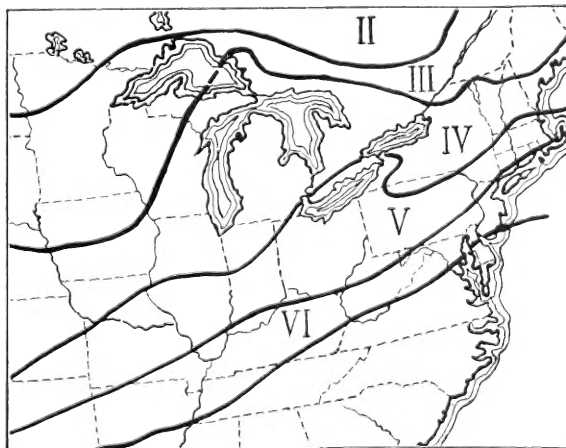
Fine introduction to trees.
Complete except on conifers.
\$4.00

The Book of Shrubs (Hottes).

Grand companion to the above.
Complete except Azaleas, etc.
\$4.00

Climbers and Ground Covers

(Hottes). Complete (250 pp.)
new (1948) and the only work
we know covering these types.
\$3.00



IS IT HARDY IN YOUR GARDEN?

There is a northern limit for every plant, beyond which it cannot live. For practical use the map at the left divides the country into Zones. Each plant description in this Guide has a related Zone limit. Look up your garden on the map and you can select hardy material.

RARE PLANTS *Now Young*

that will in a few years, with little care, be \$25 specimens.

BUY ANY FIVE: One of the plants on this page cannot be sold alone. Minimum order 5. If desired parcel post, add 10%.



Start A HOME NURSERY

1. Save money and labor
2. Save disappointments
3. Save delays
4. Increase your enjoyment
5. Rare and interesting varieties
6. Culture not difficult.

(Each)
ABELIA grandiflora, 8 in. (pot)..... \$1.40

ACER atropurpureum (Red-Leaf Maple) grafts 1 yr. 3 in. pots..... 2.90

—**Burgundylace** (Cut leaf, red) grafts 1 yr. 3 in. pots..... 4.40

AZALEA (Ghent and Mollis hybrids)

—**Bouquet de Flore**, salmon pink

—**Coccinea speciosa**, orange red

—**Hugo Hardyzer**, scarlet

—**Pallas**, orange vermillion

—**Hort. Witte**, bright orange

—**W. E. Gumbleton**, yellow, spotted olive
9 to 15 in. (3½" pots)..... 3.90

AZALEA rare and unusual kinds:

—**hinocrimson**, evergreen, red dwarf, May

—**Lorna**, evergreen, pink, double, late May

—**Vuykiana Palestrina**, white

—**Vuyk, J. Strauss**, salmon rose

—**Vuyk, PW Hardyzer**, carmine rose

Any one of 5 above: plant from 3 in. pots..... 1.90

CORNUS florida rubra (Pink Dogwood) 3 in. pot plants..... 2.90

—**florida plena** (Double White) 3 in. pot plants.... 2.90

CRYPTOMERIA jap. Lobbi grafts 1 yr. 3 in. pots 2.90

FRANKLINIA 9 to 12 in. (pot)..... 2.25

ILEX opaca (good female) 8 in. (3" pot)..... 2.40

—**opaca** (male) 3" pot..... 2.40

—**acufolium** (male) 3" pot..... 2.40

—**crenata convexa** 3" pot..... 1.60

(Each)
JUNIPERUS pfitzeriana 3 in. pot..... \$1.60

LAUROCERASUS Schipka (Hardy Laurel) 6 to 9 in. (3" pot)..... 1.90

MAGNOLIA soulangeana, 3 in. pot..... 2.90
4 in. pots..... 4.00

—**stellata** (Star Magnolia) 3 in. pot..... 2.90

—**Stell. Waterlily** 12 in. (pot)..... 2.90

—**Liliflora** 8 to 12 in. (3" pot)..... 2.50

4 in. pot plants..... 3.50

—**Cordata** grafts 3" pot..... 3.50

PIERIS japonica 8 to 10 in..... 2.25

PYRACANTHA lalandi (Firethorn) 6 in. (pot)..... 1.90
12 to 18 in. (4" pot, heavy)..... 2.90

RHODODENDRON

—**hybrids** own root 3 in. pots..... 2.90

English Roseum, Roseum Elegans,
Roseum Superbum, Purpureum Elegans,
Album Novum, Caractacus, Ignatius Sargent.

SARCOCOCCA humilis, fine evergreen ground
cover in shade 2 in. pot..... 1.20
(10 for 7.50)

TSUGA Compacta (very dwarf) 3 in. pot..... 4.00

—**Pyramidalis** (dwarf) 3 in. pot..... 4.00

WISTARIA multijuga (Japan Long—cluster, purple)

—**Praecox** (blue, blooms young, stays dwarf)

—**Royal Purple**

—**Rosea** (rose-pink form)

—**Violacea plena** (double purple flowers)

Any of above 6 kinds 1 yr. grafts (3" pot)..... 1.75

2 yr. grafts (4" pots)..... 3.00

ALSO LARGER: Here are some larger sizes. You may include them with plants at left to make up 5 minimum; but the shipment then must go express (charges collect).

AZALEA Hinodigiri (Red dwarf, May)

—**kaempferi** (flame, May)

—**Maxwelli** (brilliant red, May)

—**Ledifolia** (white, May, evergreen)

—**Poukhanensis** (Purple, May) (Each)

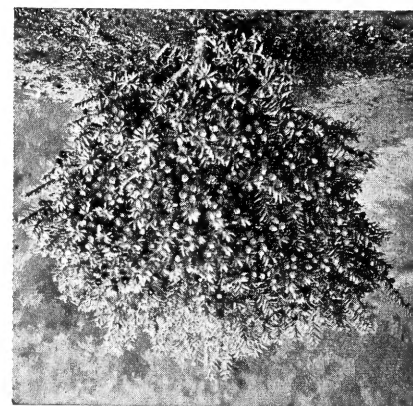
Any one of above five, 10 to 12 in. B.&B..... \$3.90

—**Hinocrimson** (red, May) 8 to 10 in. B.&B..... 5.50

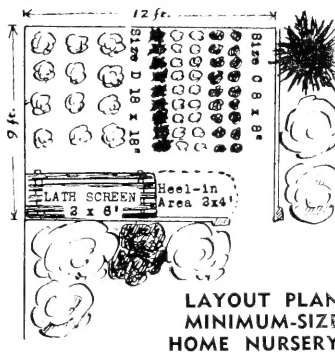
CORNUS florida 3 to 4 ft. B.&B..... 3.50

PIERIS japonica 12 to 15 in. B.&B..... 5.50

TAXUS Kelsey Berrybush Yew 12 in. B.&B..... 4.90



Kelsey Berrybush Yew



A—Seedlings or Rooted Cuttings

Must be shaded first two years. Planted 2" x 2", lath-house holds 432. After two years, must be transplanted into next grade.

B—Once Transplanted Grade

Grown as above, or bought. (Our 2 yr. and 3 yr. Azaleas, e.g.) Space about 5" x 5" (80 in the lath-house pictured). Shaded first year, but the second year shade omitted except in drought. In 2 years, now twice transplants ("XX"), usable as hedge plants, for bedding, etc.

C—Twice Transplanted Grade

Can be moved into open, spaced 9" x 9" (nursery pictured holds 104) and left two years. They are "shaped"; straggly branches lopped off with sharp knife. Cultivate, fertilize, water, no shade needed. After 2 years, they are XXX (three times transplanted), bushy and shapely.

D—Specimens

Every garden needs some larger, well formed plants. Such specimens are grown 2 or more years spaced 18" x 18" (nursery pictured holds 32).

LIVING FENCES

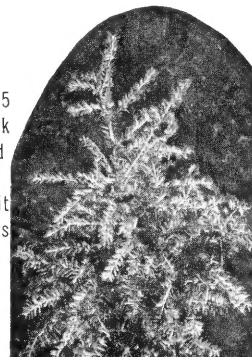
Many plants can be made into hedges, including the much advertised Rosa multiflora, Privets and barberry (all priced on page 7) but Hemlock and Yew are far the best of all. The XX sizes of hemlock can be put in hedge row — smaller should be bedded two years first.

TSUGA (Hemlock)

Canadensis (Northern Hemlock). 60 ft. Zone III. In forests, a majestic patriarch, but readily sheared to hedge or modest specimen sizes. Humus. Stands shade. The most beautiful native evergreen.

Hemlock Hedge when properly sheared gives a fine, even, smooth dark green surface unlike any other hedge. Thrives in soils ranging from ordinary to damp, and from full sun to full shade, hence is easy to grow. Set plants 1½ feet apart.

(insert) 12 - 15 inch Hemlock newly planted and (photo) how it looks 8 years later.



The Yew hedge responds to shearing—dense, dark.

YEW HEDGES

For any and every purpose in which Evergreens are required the Yew can be recommended. Hardy in New England and Ontario, immune to most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine.

	(25)	(100)	(1000)
TALL HEDGE, 5 to 8 ft. high, 3 to 4 ft. wide Taxus capitata (Upright Yew).			
12 to 15 in. X.....	\$25.00	\$80.00	\$650.00
12 to 15 in. XX.....	50.00	190.00	.....

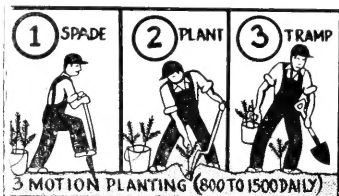
BROAD HEDGE, 2 to 4 ft. high, 2 to 4 ft. wide Taxus cuspidata (Spreading Yew).			
10 to 12 in. X.....	15.00	50.00	400.00
12 to 15 in. XX.....	26.00	98.00	900.00

LOW EDGING, 1 to 3 ft. high, 1 to 3 ft. wide Taxus nana brevifolia (Dwarf Yew).			
10 to 12 in. XX.....	43.00	160.00	.....

NARROW TALL, 4 to 6 ft. high, 1½ ft. wide Taxus vermeulen .			
12 to 18 in. XXX..	45.00	200.00	1800.00



Young EVERGREENS in Quantity



ABIES (Fir)	(25)	(100)	(1000)
balsamea , (Balsam Fir). For wet land. Best for Christmas trees.			
4 to 6 in. S.....	\$8.00	\$60.00	
6 to 9 in. X.....	\$6.00	20.00	180.00

Douglas Fir (Pseudotsuga)			
2 yr. S.....	8.00	70.00	
4 to 8 in. X.....	5.00	18.00	140.00
9 to 12 in. XX.....	25.00	95.00	700.00

CHAMAECYPARIS (Cypress)			
plumosa (Plumed Cypress)			
6 to 8 in. X.....	8.00	30.00	
12 to 15 in. X.....	14.00	60.00	

plumosa aurea (Golden Plume)			
6 to 8 in. X.....	8.00	30.00	250.00
10 to 12 in. X.....	15.00	50.00	400.00

JUNIPERUS (Junipers)			
depressa plumosa (Andorra Juniper)			
10 to 12 in. X.....	11.00	40.00	375.00
9 to 12 in. XX.....	35.00	120.00	950.00

excelsa stricta (Greek Juniper)			
8 to 10 in. X.....	12.00	40.00	375.00

pfitzeriana (Pfitzer's Juniper)			
4 to 6 in. X.....	5.00	40.00	300.00
8 to 10 in. X.....	10.00	35.00	300.00
9 to 12 in. XX.....	32.50	120.00	950.00

virginiana (Red Cedar)			
6 to 12 in. S.....	4.50	15.00	130.00
12 to 18 in. X.....	18.00	65.00	

LARIX (Larch) European Larch			
12 to 18 in. S.....	7.50	25.00	195.00

PICEA (Spruce)			
alba (White Spruce)	(25)	(100)	(1000)
2-yr. S.....		\$7.50	\$50.00
6 to 9 in. X.....	\$5.50	18.00	170.00
12 to 15 in. XX.....	25.00	90.00	800.00

canadensis (Black Hills Spruce)			
3-yr. S.....		8.00	70.00
6 to 9 in. X.....	5.00	18.00	170.00
9 to 12 in. XX.....	23.00	80.00	650.00

excelsa (Norway Spruce)			
2-yr. S.....		6.00	40.00
9 to 12 in. X.....	7.00	20.00	175.00
9 to 14 in. XX.....	18.00	60.00	400.00

pungens (Colorado Spruce) color from blue to green.			
2-yr. S.....		9.50	60.00
4 to 6 in. X.....	6.00	20.00	190.00
10 to 12 in. XX.....	22.00	85.00	750.00

PINUS (Pine)			
mughus (Mugho Pine)			
2-yr. S.....		7.50	50.00
4 to 6 in. X.....	7.00	24.00	195.00
6 to 9 in. XX.....	25.00	90.00	800.00

nigra (Austrian Pine)			
3 to 6 in. S.....	3.00	9.00	70.00
4 to 6 in. X.....	5.00	12.50	110.00
10 to 12 in. XX.....	25.00	90.00	800.00

ponderosa (Western Yellow)			
3 to 6 in. S.....		7.50	60.00
6 to 8 in. X.....	5.50	18.00	150.00

resinosa (Norway Red Pine)			
7 to 14 in. X.....	7.50	25.00	220.00
10 to 12 in. X.....	24.00	80.00	700.00

strobus (White Pine)			
Ship into most states.			
3 to 5 in. S.....		7.00	50.00
9 to 12 in. X.....	5.00	18.00	175.00
15 to 18 in. XX.....	28.00	100.00	900.00

sylvestris (Scotch Pine)			
3 to 6 in. S.....		8.00	50.00
5 to 8 in. X.....	4.50	13.50	110.00
10 to 12 in. XX.....	24.00	85.00	

THUJA (Arborvitae)			
occidentalis (American Arborvitae or White Cedar)	(25)	(100)	(1000)
4 to 6 in. S.....		\$7.00	\$50.00
6 to 10 in. X.....	5.00	18.00	150.00
10 to 15 in. XX.....	25.00	85.00	750.00

globosa (Globe shaped)			
8 to 10 in. X.....	13.00	36.00	300.00
9 to 12 in. XX.....	25.00	95.00	750.00

elegantissima (Golden tipped A.)			
8 to 10 in. X.....	13.50	50.00	450.00

pyramidalis (Pyramidal A.)			
8 to 10 in. X.....	8.50	33.00	295.00
12 to 15 in. XX.....	30.00	110.00	950.00

TAXUS (Yew) See pages 5, 12, 13.
TSUGA (Hemlock) See pages 5, 12.

50 of one kind at 100 rate
300 of one kind at 1000 rate

SYMBOLS USED IN THIS CATALOG

S = seedlings, not transplanted
 X = each transplanting
 * = young, not yet shapely
 (not used on this page, but elsewhere in the catalog any plant not so marked is shapely landscape grade)
 B&B = Earth ball and burlap
 "Zone" = hardiness, see map on cover

YOUNG TREES AND SHRUBS

PLANTING — The first thing is to keep the package moist. Only when the planting bed is ready do you open it, and even then remove only one plant at a time from its wrapping to plant it. This is particularly important with evergreens, but good sense with all plants. The quicker the better — twenty seconds per plant is average.

SOIL should be loose and friable, and absolutely must contain some humus. Add peat moss if necessary.

SHADE must be provided for a newly planted young evergreen. Usually only for the first summer, but very young ones need it for two summers. Deciduous trees, shrubs and vines need none.

WATER is usually critical the first week or two. Soak thoroughly when planting. Then again the next day. After that do not water oftener than once a week. But you can spray the leaves a few seconds at a time if the weather turns warm.

PRUNING is usually essential. Prune freely. Never cut a new plant to the ground, but to a 2 or 3-inch stub is all right. Don't fear to "lose" so much top—in a year you'll get it back . . . and more, and bushier than if you didn't prune. (Upright growing evergreens, of course, must never have their tops cut—you trim the sides.)

YOUNG SHRUBS

For Mass Planting

CYDONIA Japonica (Flowering Quince)
(25) (100) (1000)
★ 12 to 18 in. \$4.50 \$13.50 \$80.00

FORSYTHIA intermedia (Golden-bell). 9 ft.
Zone IV. Yellow, April.
★ 12 to 18 in. S. 3.50 9.50 55.00
2 to 3 ft. X. 12.00 40.00 300.00

— **suspensa** (weeping forsythia)
★ 12 to 18 in. 5.00 16.00 100.00

ILEX verticillata (Winterberry)
★ 12 to 18 in. 4.00 12.00 70.00

LIGUSTRUM (Privet)
— **amurense** (Amur Privet—"North")
12 to 18 in. X. 4.00 12.50 95.00

— **ibolium** (Hybrid Privet)
12 to 18 in. X. 4.50 15.00 95.00

LONICERA fragrantissima (Honeysuckle)
★ 12 to 18 in. S. 6.50 22.00 150.00

PHILADELPHUS coronarius (Syringa) 9 ft.
Zone IV. White, June, fragrant.
★ 12 to 18 in. S. 4.50 15.00 90.00

RHAMNUS cathartica (Buckthorn) 15 ft.
Zone II. Bushy, thorny hedge.
18 to 24 in. S. 5.00 15.00 120.00

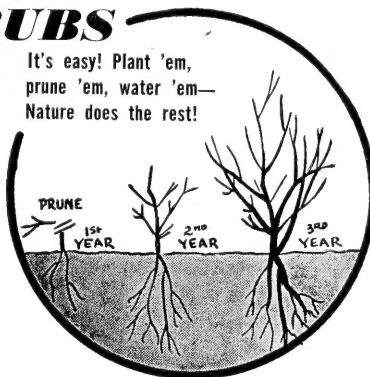
SYRINGA (Lilac) common purple.
★ 12 to 18 in. S. 5.00 17.50 120.00

VIBURNUM American (Cranberry)
★ 8 to 12 in. S. 8.00 28.00 200.00

— **opulus** (Europe Cranberry)
★ 6 to 12 in. S. 5.00 18.00 150.00

— **tomentosum** (double file)
★ 2-inch pot 7.00 25.00

It's easy! Plant 'em,
prune 'em, water 'em—
Nature does the rest!



BERBERIS Thunbergi (Japanese Barberry)
Zone IV. Bush to 5 ft. Red berries.

(25) (100) (1000)
★ 9 to 12 in. S. \$3.00 \$9.50 \$75.00
12 to 18 in. X. 5.00 15.00

B. thunbergii Atropurpurea. The same, with
purple-red leaves.

★ 9 to 12 in. S. 5.00 18.00 150.00

ROSA MULTIFLORA "FENCE"

No repairs, no maintenance problems, it just grows. No animals can get through, yet birds and small game can use it for refuge. It does not get out of hand, kept 5 feet high, width 8 feet. (Not for small gardens.)

Plant a single row, 1 foot apart. Cut back roots to 8 inches, tops to 3 or 4 inches on planting. Mulching is very beneficial—leaves, hay, sawdust, or whatever you have. Effective in three or four years, mature in seven.

(100) (1000)
8 to 15 in. S. \$6.00 \$45.00
18 to 24 in. S. 9.50 75.00

Young Trees

ACER (Maple)
dasyarpum (Silver Maple)
(25) (100) (1000)
★ 12 to 18 in. \$6.00 \$35.00
★ 2 to 3 ft. \$3.50 10.00 65.00

platanoides (Norway Maple)
★ 6 to 12 in. S. 5.00 18.00 135.00

rubrum (Red Maple)
★ 18 to 24 in. 3.50 10.00 65.00

saccharum (Sugar Maple)
★ 6 to 12 in. 7.50 45.00
★ 2 to 3 ft. 4.50 12.00 90.00

BETULA (Birch)
populifolia (Gray Birch)
★ 2 to 3 ft. 6.50 20.00 180.00

papyrifera (Paper Birch)
★ 12 to 18 in. 12.50 100.00
★ 3 to 4 ft. 6.00 25.00 150.00

CERCIS (Red Bud)
★ 12 to 18 in. 9.00 50.00
★ 2 to 3 ft. 5.00 15.00 95.00

CORNUS (Flowering Dogwood)
florida (White Flowering Dogwood)
★ 6 to 12 in. S. 11.00 65.00
★ 18 to 24 in. S. 5.50 18.00 120.00
2 to 3 ft. X. 25.00 95.00

FAGUS (Beech)
ferruginea (American Beech)
★ 12 to 18 in. 2.50 7.50 50.00

HICORIA (Hickory)
ovata (Shagbark Hickory)
4 to 5 ft. 35.00 130.00

JUGLANS (Walnut)
nigra (Black Walnut)
★ 3 to 4 ft. 8.00 30.00

LIQUIDAMBER (Sweet Gum)
★ 12 to 18 in. S. 4.00 12.00 75.00
★ 2 to 3 ft. S. 7.00 22.00

LIRIODENDRON (Tulip Tree)
tulipifera (25) (100) (1000)
★ 12 to 18 in. \$5.50 \$40.00
★ 3 to 4 ft. \$4.00 12.00 90.00

MORUS (Mulberry)
alba (Russian Mulberry)
★ 12 to 18 in. 6.00 35.00
★ 3 to 4 ft. 3.00 9.00 50.00

PUPULUS (Poplar)
nigra italica (Lombardy Poplar)
★ 18 to 24 in. 3.50 9.50 70.00
★ 3 to 4 ft. 6.50 19.00 150.00

QUERCUS (Oak)
alba (White Oak)
★ 6 to 12 in. S. 3.50 12.00 75.00

palustris (Pin Oak)
★ 12 to 15 in. S. 6.00 20.00 155.00

rubra (Red Oak, Northern)
★ 18 to 24 in. S. 8.00 30.00 240.00

ROBINIA (Locust)
pseudacacia (Black Locust)
12 to 18 in. 4.00 28.00
2 to 3 ft. 3.50 8.50 50.00

SALIX (Willow)—any one kind—
Wisconsin Hardy Weeping)

pentandra (Laurel-leaf)
Niobe (Golden Weeping)
2 to 3 ft. 6.00 20.00 180.00

TILIA (American Linden)
★ 2 to 3 ft. X. 20.00 75.00

SORBUS (Mountain Ash)
aucuparia (European Mtn. Ash)
18 to 24 in. X. 16.00 55.00

ULMUS (Elm)
americana (American Elm)
★ 2 to 3 ft. 3.00 8.00 60.00

pumila (Chinese or Siberian Elm)
★ 2 to 3 ft. 4.00 9.00 70.00

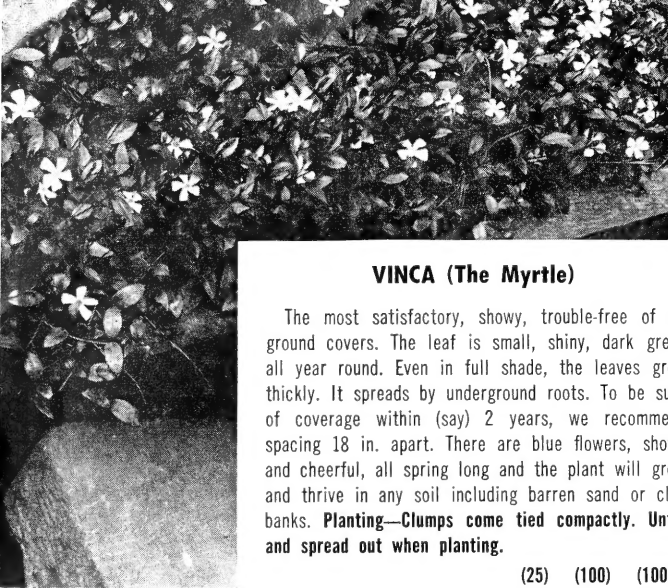


Photo: Vinca Minor

plants that cover the
ground where grass
will not thrive are ...

LIVING CARPETS

VINCA (The Myrtle)

The most satisfactory, showy, trouble-free of all ground covers. The leaf is small, shiny, dark green all year round. Even in full shade, the leaves grow thickly. It spreads by underground roots. To be sure of coverage within (say) 2 years, we recommend spacing 18 in. apart. There are blue flowers, showy and cheerful, all spring long and the plant will grow and thrive in any soil including barren sand or clay banks. **Planting**—Clumps come tied compactly. Untie and spread out when planting.

	(25)	(100)	(1000)
Strong clumps.....	\$4.50	\$13.00	\$90.00

PACHYSANDRA terminalis—Tolerant in poor soil and shade. Set 3 to each sq. ft. Zone V.
(25) (100) (1000)

Rooted cuttings .....	.....	\$ 9.50	\$ 85.00
Asst. field-grown	4.00	13.50	100.00

ROSE wichuriana (Memorial Rose)—Branches grow quickly, droop and root. Thicket effect. Best in sun. Zone IV. Space 2 ft. apart.

10 to 18 inch, 2 years	7.00	25.00
------------------------------	------	-------	-------

HEDERA baltica (Hardy English Ivy)—Fine ground cover, in shade or sun. Does not climb readily. Zone V. Space 1½ ft. apart.

2¼ in. pots	7.50	24.00	190.00
3-in. pots	18.00	70.00	.....

LONICERA japonica (Honeysuckle)—Sun or shade. Any soil. Vigorous.

1-yr. light .....	.....	8.00	35.00
12 to 18 in. X	6.50	18.00	140.00

WILDTHYME (Thymus Serpyllum)—A mat in sun or light shade that blankets the ground. Evergreen. Can be walked on. Zone III. Set 12 in. apart. Well drained soil.

Sturdy plants	8.00	30.00	250.00
---------------------	------	-------	--------

HELIANTHEMUM (Sun-rose)—Is the best for dry, poor soils in sun.

1 yr. light	2.75	9.00	80.00
2 yr.	8.50	30.00	.....

RARE EVERGREEN GROUND COVERS (10) (25) (100)

HARDY GALAX (Galax aphylla)—Huge bronze and green leaves. Moist shade.

Clumps with ball	4.50	8.00	25.00
------------------------	------	------	-------

TRAILING ARBUTUS (Epigaea repens)—Waxy pinks, May. Zone II, acid soil, semi-shade.

Balled clumps	6.00	10.00	30.00
---------------------	------	-------	-------

OCONEE BELLS (Shortia glaucifolia)—Rarest of all. Zone V.

Clumps	6.00	10.00	30.00
--------------	------	-------	-------

ARCTOSTAPHYLOS uva-ursi (Bearberry)—Low matting evergreen. Best cover for sandy banks —succeeds even on sea-shore. Sun, drain.

Pot-grown	8.00	17.50	65.00
-----------------	------	-------	-------

WINTERGREEN (Gaultheria procumbens)—Small neat mat of evergreen in baking sun.

Balled clumps.	3.00	6.00	20.00
---------------------	------	------	-------

FERNS Each kind, \$4.00 for 12—\$25.00 per 100 (express)
Three each any three kinds for \$3.75 postpaid
make fine ground covers
in the shade

Cinnamonfern (Osmunda). 60 in. Any moist soil.

Christmasfern. 12 in. Dry shade. Evergreen.

Cliff-fern (Polypody). 6 in. Evergreen, drain.

Hayscented Fern (Dunnstaedia). 18 in. Tolerant.

Maidenhair (Adiantum). Rich, moist, but drained soil. Easily grown. Showy and popular.

Ladyfern (Athyrium). 15 in. Shade. Very attractive.

Ostrich Fern (Pteris nodulosa). 36 in. Very tolerant. This makes a delicious, nutritious asparagus substitute. Cut in "fiddle-head" stage, wash well, boil 30 minutes.



Easy to Plant
and Care for

**NATIVE
EVERGREEN**

ARISTOCRATS

Rhododendrons low as 37½¢, in few years, with little care, will be bushy \$10 specimens.

Plant late Aug. to late Oct. safely. Soak heavily after planting—and every 3 days for a month. Mulch heavily with old leaves.

SIZE 2: AS SMALL AS LOOKS SHAPELY

12 to 15 in. B&B. Clumps, 4 to 6 Stems.

These "Junior Specimens" weigh about 5 pounds per plant, individually burlapped. They are 2 years older than Size 1. Express runs about 25 cents per plant. You can expect some blooms the year after planting. These really "look like something" the day they are planted.

Rhododendron	(10)	(25)	(100)
carolina	\$14.00	\$35.00	\$122.00
catawbiense	14.00	35.00	122.00
maximum	12.00	27.50	100.00

Kalmia (Mountain Laurel)

latifolia	12.00	27.50	100.00
-----------------	-------	-------	--------

Leucothoe (Fetterbush)

catesbaei	12.00	27.50	100.00
-----------------	-------	-------	--------

OFFER A: 1 each of above 5 plants for \$9.25 postpaid.

OFFER B: 5 each of above, 25 plants, for \$30. (Express about \$5.)

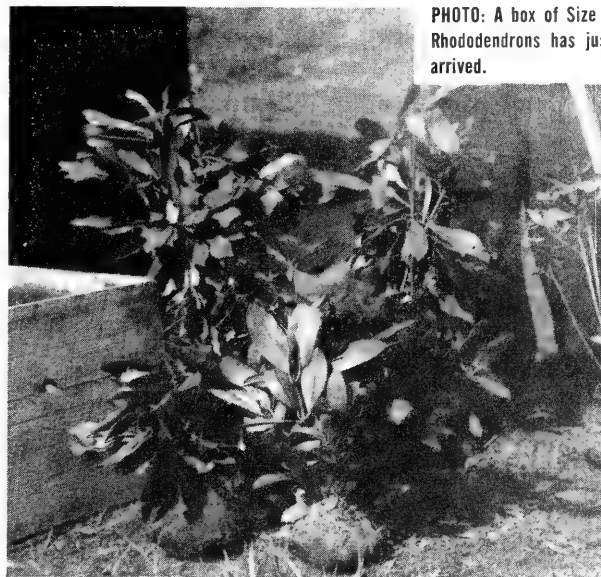


PHOTO: A box of Size 3 Rhododendrons has just arrived.

SIZE 3: BUSHY, HEAVY CLUMPS. 1½ to 2 Feet, B&B.

Most are budded for at least some immediate bloom. Large enough to use at once for foundations, shrub borders. Allow about 3-ft. space, which they will fill within next few years. \$4.50 each, singly.

**Any 5 for
\$16.75
(Express
about \$5.)**

SIZE 1: AS SMALL AS CAN BE SHIPPED SAFELY.

12 to 15 in. (Ball) Plants—1 Stem.

This special "Young Aristocrat" grade measured 12 to 15 inches with a small ball, weighing one or two pounds only. This stock is not to be compared for a minute with ordinary collected plants. It is on the contrary all carefully dug, the greatest pains being taken to preserve the roots. Carefully packed, it is easily planted and makes a quick start. Shipped from North Carolina, express runs only about 8c each (in 100 lots).

Rhododendron	(25)	(100)
maximum	\$10.50	\$37.50
carolina	16.00	58.00
catawbiense	16.00	58.00

Leucothoe

Catesbaei	12.00	42.00
-----------------	-------	-------

Kalmia (Mountain Laurel)

latifolia	12.00	42.00
-----------------	-------	-------

OFFER A: 2 each above, 10 plants for \$9.25 postpaid.

OFFER B: 5 each above, 25 plants \$17.00. (Express about \$2.50 on arrival.)

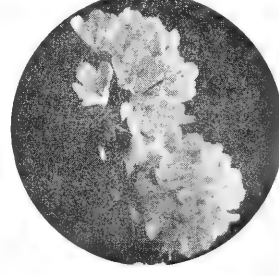
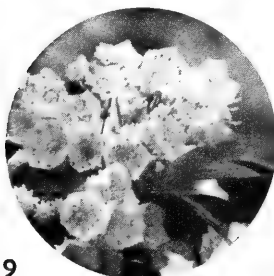
Kalmia latifolia. (Mt. Laurel)
Pink-white, June, Zone III. 8 ft.

Leucothoe Catesbaei
White, May, Zone V, spreads. 4 ft.

Rhododendron carolina.
Pink, May, Zone V, to 8 feet.

Rhododendron catawbiense.
Purple, June, Zone IV, to 10 ft.

Rhododendron maximum.
White, July, Zone III, 15 feet.



EVERGREEN SHRUBS

Azaleas, rhododendrons, and others are safely planted with ball in Sept.-Oct. We here select kinds and sizes most suited to fall planting.

GHEENT and MOLLIS AZALEAS

These are totally deciduous, but very handsome and showy in bloom. Large flowers in late May. They are hardy in Zone V, several in IV, and enjoy cool moist summers. Further south they grow, but dislike hot summers. A heavy mulch helps keep roots cool and moist. These are the only really choice azaleas in which northern gardeners can excel the south.

Any of the following 8 kinds, plants from 3½-inch pots, ranging from 9 to 15 inches according to growth habit of the different varieties, \$9.00 for 2 (any 10 for \$35.00).

Gheents

Bouquet de Flore—salmon pink.
Coccinea speciosa—orange red.
Gloria Mundi—orange.
Pallas—orange vermillion.
Ignaea Nova—flame red.

Mollis

W. E. Gumbleton—yellow, spotted olive.
Hort. Witte—bright orange.
Hugo Hardyzer—scarlet.

Azaleas For Fall

Culture is same as for rhododendrons, but a little more sun. Many other kinds quoted on request.

Kaempferi (Torch Azalea). Zone IV. 8 ft. Red to orange. May. Vigorous, most easily grown Azalea.
6-12 in. X.....5 for \$6.00, 25 \$20.00
10-12 in. B&B.....2 for \$6.75, 10 \$35.00
12-15 in. B&B.....\$5.00 each, 10 \$40.00

—**Carmen**, large clear rose.
—**Fedora**, salmon rose. Large.

Either one of above 2 kinds:
*3 yr. XX.....5 for \$5.50 (100, \$85.00)
10-12 in. B&B.....\$6.00 ea., 5 for \$27.00



Lorna—double dark pastel rose.
8-10 in. B&B.....\$4.75 (5 for \$17.00)
Hexe. Zone V. 3 ft. Compact, evergreen. Crimson, May.
10-12 in. B&B.....2 for \$9.50, 10 \$40.00
Maxwelli. Evergreen. 3 ft. Spreads. Carmine in late May. Zone VI. Striking, hardy, evergreen Azalea.
10-12 in. B&B.....\$5.50 each, 5 \$25.00

Ledifolia (mucronatum). Evergreen, 6 ft. Bushy. Acid, humus, loose. Late May. Zone V, VI. Handsome, dense.

—**I. alba**. White against dark green.
—**I. Shishu**. Large deep purple.
—**I. rosea**. Rose tinted, large.
—**I. Lady Lilac**. Fragrant, clear lilac.

Any of above 4 kinds:
*3 yr. XX.....5 for \$5.50, 100 \$80.00
12-15 in. B&B.....\$4.75 each, 10 \$40.00

GABLE HARDY AZALEAS

These hybrids have been made in the effort to originate a hardier strain of the Japanese type of Azalea, keeping form and color. Live and bloom in Zone V.

Ethelwyn. Single, light pink.

Grenadier. Single, bright scarlet.

Mildred Mae. Vigorous, evergreen. Lavender, red spots. Early.

Miriam. Single bright pink.

La Roche. One of earliest bloomers, single, magenta-red.

Old Faithful. 6 ft. Dependable, early orchid. Vigorous. Deciduous.

Royalty. Rich bright purple. Dwarf evergreen. Mid-season.

Springtime. Early single pink.

Susan. Fine single salmon-pink.

Mary Hawkins. 6 ft. hose-in-hose pink.

Any of the above 10 in 3 year XX grade (4 to 9 inch) 5 for \$9.75 assorted as you wish. 5 of one kind for \$8.50. Prices post-paid. Also:

*3 yr. XX.....50 mixed for \$65.00
12 to 15 in. B&B.....\$4.90 ea., 5 for \$20.00

(Photo) Azalea HINOCRIMSON

A better, hardier Hinodigiri. Large, crimson-red, clean color, does not fade, (as Hinodigiri does). Fragrant. Zone V. The plant pictured grew in 3 years from a 3-inch pot plant. 463 blooms were counted on it.

3-in. pots.....5 for \$9.50, 25 for \$30.00
8 to 10 in. B&B.....\$6.25 ea., 5 for \$24.00
12 to 15 in. B&B.....\$8.50 each

DAPHNE cneorum (Garland Flower). 1 ft. Zone IV. The finest rock-garden evergreen. Fragrant rose clusters in May and again Sept. Needs sun. Spreads.
 7 to 9 in. B&B....5 for \$12.00 (100 \$200.00)
 9 to 12 in. B&B....\$3.50 each, 10 for \$27.50

Boxwood (Buxus)

Suffruticosa (Dwarf "English"). 6 ft. Zone V. A billowy dense mass of dark green. Small plants used for real box edging. Any soil. Sun or part shade.

★ 4-6 in. X.....5 for \$2.75, 100 \$40.00
 ★ 6-8 in. X.....5 for \$5.00, 100 \$75.00

Hollies (Ilex)

Opaca (American Holly). Zone IV. 40 ft. Damp, some shade. Red berries, dull, evergreen leaf. We offer two sexes (state which you desire. MALES for pollen, FEMALES for berries.

(Each) (10) (100)
 ★ 3-inch pots \$12.00 \$85.00

Offer:—2 males, 4 females in 3-inch
 pot size \$7.50 postpaid

—**Crenata** (Japanese Holly) Zone V. 18 ft. Evergreen leaf and thickset shape. Tolerant. Slow-growing.

★ 6-8 in. X.....10 for \$6.00, 100 \$45.00
 2 ft. B&B.....\$6.00 each, 10 for \$50.00

—**Convexa** (dwarf Japan Holly). Form with shiny grey-green leaves. Not over 4 feet height.

★ 4-6 in. X.....10 for \$5.00, 100 \$40.00
 12-15 in. B&B....\$4.50 ea., 10 for \$40.00



KALMIA and **LEUCOTHOE**—see page 9.

PIERIS floribunda (Mountain Fetterbush). 3 ft. Zone IV. Evergreen, mound. Upright clusters white in May. Acid, humus.

★ 2-4 in. X.....10 for \$5.00, 100 for \$40.00
 12-15 in. B&B....\$6.50 each, 5 for \$29.00

PIERIS Japonica (Andromeda). 6 ft. Zone V. Evergreen, upright shrub, with drooping wax-like bells, May. New growth is rosy-wine.

★ 10 to 12 in. X.....5 for \$6.00, 100 \$85.00
 12-15 in. B&B.....\$5.90 each, 10 for \$50.00

PYRACANTHA Lalandi (Laland Firethorn). Evergreen shrub to 15 ft. Zone V. A fuzz of white in May, then orange-red berries. Drain, lime.

(Each) (10) (100)
 ★ 3-in. pots \$9.50 \$75.00
 18-24 in. B&B.....\$6.00 50.00

LAUROCERASUS schipkaensis (Hardy English Laurel). 6 ft. Zone V. A gorgeous evergreen shrub, with dark green leaves. White flower spikes in May. Very easily grown. Very fast growing.

★ 3-inch pots5 for \$6.00, 25 \$25.00
 18 to 24 in. B&B.....\$4.00

RHODODENDRONS

Evergreen shrubs with fine foliage. Range from dwarfs to giants. Bloom from May to July. Acid, humus, damp, loose.

1. The roots feed at the surface — do not hoe or rake. Plant them properly and thereafter water and mulch as needed.
2. Light shade, airy and open, gives best results. Only certain trees will do. The best are Oaks, Cherries, Magnolias and Birch. Their leaves make the best mulch. Avoid Beech and Maple.
3. Safe planting in Sept. and Oct.

NATIVE RHODODENDRONS

maximum, white July
carolina, pink May
catawba, purple June
 See page 9 for prices and descriptions.

YOUNG GRAFTED HYBRIDS

The following are from open field, dug with ball of earth. They have been pinched to make low, shapely branching, thus overcoming the common fault of grafted rhododendrons which is to grow leggy. All hardy Zone VI, and a few extra hardy ones as noted in Zone V.

Caractacus—light crimson. Zone V.
Dr. H. V. Rutgers—rich dark red, compact. Zone V.

Prof. Bettex—really good red.

Roseum elegans—bushy rose pink. Zone V.
Catawbiense album — the finest white. Zone V.

Catawbiense grandiflorum — large lilac. Zone V.

Lee's Dark Purple—rich color.

Purpureum elegans—old favorite. Shapely growth.

Parsons Gloriosum—rose pink.

Any one of above 10 kinds:—
 12-15 in. B&B.....\$6.00 each, 5 for \$27.50

RHODODENDRONS

HYBRID SEEDLINGS

These in every way resemble named hybrids except:—the color of flowers is unpredictable. They are fairly free to bloom, hardy mostly in Zone V. The plants we offer are open field, heavy B&B.

6 to 8 in. B&B.....5 for \$10.00, 100 \$150.00
 12 to 15 in. B&B.5 for \$20.00, 100 \$300.00

OWN ROOT HYBRIDS

Nice strong plants from 3-inch pots, from 4 to 8 inches high. Can be set out under light shade in Sept., Oct. safely. 8 kinds listed below: 5 for \$12.50 (25 or more @ \$2.00 each).

- **Roseum elegans**. Compact, rose.
- **English Roseum**. Pinker rose.
- **Roseum superbum**. Soft rose.
- **Parsons gloriosum**. Rose pink.
- **Purpureum elegans**. Purple.
- **Caractacus**. Crimson.
- **Ignatius Sargent**. Light red.
- **Album Novum**. Good white.

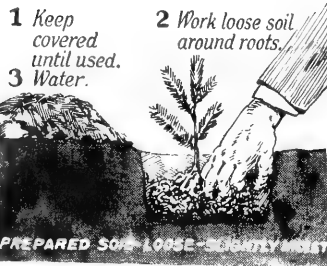
HARDY EXOTIC SPECIES

Any one kind: \$2.25 each, 5 for \$9.50 postpaid, for 6 to 10 inch X.

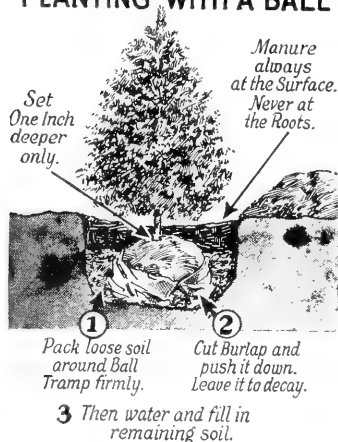
— **discolor**. 15 ft. Zone VI. White, June.
 — **fortunei**. 12 ft. Zone VI. Large blush, fragrant, May.

— **racemosum**. 4 ft. Zone (V). Small leaved dwarf. Pink, April.

EVERGREENS BARE ROOT



PLANTING WITH A BALL



Junipers

pfitzeriana Hetzi (Blue Pfitzer Juniper). 6 ft. Zone IV. Gorgeous bush, a cloud of silver in spring, then blue green. Spreads picturesquely. Stand soot, smoke, and drought.

* 6 to 8 in. X.....10 for \$7.50, 25 \$15.00
12-15 in. X.....10 for \$9.50, 25 \$22.00
2 ft. B&B.....\$6.00, 10 \$60., 100 \$550

— **virginiana** (Native Red Cedar). 30 ft. Zone II. Prefers a loose soil. Usually a dark green pyramid. This is best used in masses. Easily grown. Should be sheared.
* 6-12 in. S.....25 for \$4.50, 100 \$15.00
* 12-18 in. X.....10 for \$8.00, 100 \$65.00

PICEA (Spruce)

excelsa nidiformis (Dwarf Birdsnest Spruce). 5 ft. Bushy dwarf.

15-18 in. B&B.....\$7.50 each, 10 \$70.00

pungens. 80 ft. Zone II. Best spruce for dry climates. Very tolerant. Varies from green to silver, as offered here.

* 4-6 in. X.....25 for \$6.00, 100 \$20.00
* 9-12 in. XX.....25 for \$20.00, 100 \$75.00
18-24 in. B&B.....\$5.00 each, 10 \$45.00

Selected Blue

1½-2 ft. B&B.....\$8.50 each, 5 for \$37.50

KOSTERI (Koster. Grafted Blue Spruce)

* 1 yr. graft.....\$3.75 each, 10 for \$30.00
2 yr. graft.....\$5.00 each, 10 for \$45.00



EVERGREENS IN FALL

All are easily planted in September and October — the Yew is particularly easy even in small sizes. No fertilizer until next spring, but water well once a week to freeze-up and mulch smaller sizes unless already in shady locations.

Tuja (Arborvitae)

— **occidentalis** (American Arborvitae). 30 ft. Zone II. Pyramidal tree with dense, frond-like, evergreen leaves, popular.

* 6-10 in. X.....25 for \$5.00, 100 \$18.00
* 12-15 in. X.....10 for \$9.00, 25 \$20.00
* 10-15 in. XX.....25 for \$25.00, 100 \$85.00
18-24 in. B&B.....\$4.50, 10 for \$40.00

— **little gem**. 2 ft. Zone II. Really dwarf—hugging the ground. Dark Green.

* 6-8 in. X.....10 for \$7.50, 100 \$60.00
15-18 in. B&B.....\$4.75 each, 10 \$40.00

— **pyramidalis** (Pyramidal). 25 ft. Zone II. This is perhaps the best tall form of Arborvitae. Formal, narrow hedges.

* 12-15 in. XX.....25 for \$30.00, 100 \$110.00
18-24 in. B&B.....\$5.50, 10 for \$50.00

NOTICE THE "XX" SIZES

XX is twice transplanted, 4 to 6 years old. More are offered on page 6. They are practically landscape specimens, except not balled (B&B). They are the only real bargains left in evergreens these days, when B&B sizes cost 10% just to pack (XX prices include packing); and about 30% for express (XX grades cost about 10% extra for express).

Tsuga (Hemlock)

Canadensis. 60 ft. Stands shade. The most beautiful native evergreen. Zone IV.

	(Each)	(10)	(100)
* 8-12 in. S.....			\$12.00
* 12-15 in. XX.....			70.00
* 15-18 in. XX.....			\$12.50 98.00
* 18-24 in. XX.....			15.00 120.00
2-2½ ft. XXX.....			21.00 165.00
1½-2 ft. B&B.....	\$5.00	50.00	475.00
2-3 ft. B&B.....	7.00	68.00	650.00

— **c. sargentii**. 6 ft. Weeping dwarf Hemlock. Rare.
* 12-15 in (grafts).....\$3.50 ea., 5 for \$30.00

BARGAINS IN LANDSCAPE SIZE EVERGREENS

Field grown, three times transplanted, extra bushy, the largest, heaviest grade that can be shipped safely with roots in damp moss. We offer any assortment of the following six kinds you wish to make:

Hemlock 2 to 2½ ft.	10 or more
Spreading Yew 12 to 18 in.	@ \$2.10 each
Hicks Yew 12 to 18 in.	25 or more
Vermeulen's Yew 12 to 18 in.	@ \$1.80 each
Brown's Yew 12 to 18 in.	100 or more
Kelsey Yew 12 to 18 in.	@ \$1.65 each

These are suitable for planting out in borders, foundations, etc., at once. Minimum order is ten assorted evergreens.

The Yews

TAXUS MEDIA VARIETIES

7 Outstanding Introductions

PYRAMIDALIS (Pyramid Yew)—Narrow, fast growing to 15 feet. Dark green. Sizes A, B, C.

FLUSHING — Like pyramidalis but darker glossy needles. Red berries. Sizes A, B, C.

ROBUSTA (Obelisk Yew) — Even faster growth to 20 ft. Otherwise the same. Sizes A, B, C.

PILARIS (Pillar Yew) — Narrower, with short sloping branches. Dark green. To 12 ft. Available in Size "B" only.

GRANDIFOLIA (Bingleaf) Yew — Needles are enormous, dark green. Otherwise *Pilaris*. Sizes A, B, C.

STRICTA (Narrowbush) — Slow, to 6 feet. Narrow dwarf, compact vertical growth. Sizes A, B, C.

VERIDIS (Grassgreen Yew)—Same as the *Stricta*, but bright green all winter. Sizes A and C only.

Size A: 3-inch pot plants. Any 5 for \$10.00.

Size B: 15 to 18 inch B&B. Any 2 for \$10.00.

Size C: Heavy specimens 3 - 3½ feet, B&B, \$20.00 each (all prices packed).

TAXUS m. hicksii (Hick's). 10 ft. Zone IV. Strong, fat upright shrub. Fine hedge. Good berries.

	(Each)	(10)	(100)
* 6-8 in. X.....		\$6.00	\$45.00
* 12-15 in. X.....			70.00
* 8-12 in. XX.....			95.00
12-18 in. B&B.....	\$6.00	55.00	500.00

— **Kelseyi** (Berrybush Yew). 8 ft. Zone IV. Our introduction 1936 and attracting favorable comment everywhere for its wealth of red berries in autumn. Bears young. A dense, full bush.

* 6-8 in. X.....	\$7.50	\$55.00
12-18 in. XXX.....	25.00	180.00
15-18 in. B&B.....	\$7.00	

TAXUS Cuspidata capitata (Upright Yew). The natural form. Trees to 4 ft. The best type hedge Yew.

	(Each)	(10)	(100)
* 6-8 in. X.....		\$6.00	\$45.00
* 12-15 in. X.....			80.00
12-15 in. XX.....			190.00
18-24 in. B&B.....	\$7.50	68.00	650.00

— **T. c. vermeulen** (Upright Brevifolia). 12 ft. Zone III. Compact. Broad base and narrow top pyramid with more red berries than most.

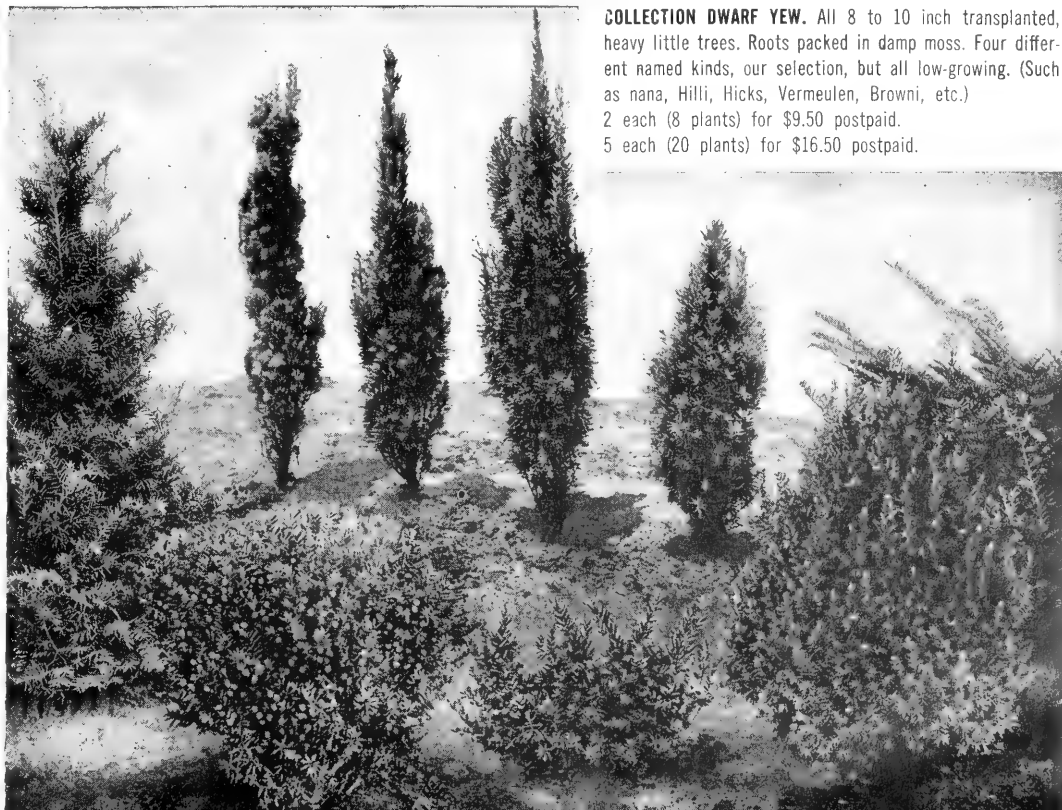
* 4-6 in. X.....	\$5.50	\$45.00
* 8-10 in. X.....	7.50	60.00
12-18 in. XXX.....	21.00	165.00
15-18 in. B&B.....	\$6.00	55.00
2-3 ft. B&B.....	8.50	80.00

TAXUS cuspidata (Spreading Yew). 6 ft. Zone III.

	(Each)	(10)	(100)
* 4-6 in. X.....		\$5.00	\$35.00
* 12-15 in. XX.....		13.50	96.00
12-18 in. XXX.....		21.00	165.00
15-18 in. B&B.....	\$6.00	58.00	550.00
18-24 in. B&B.....	7.00	67.00	650.00

— **T. c. nana** ("brevifolia") (Dwarf). 4 ft. Zone III. Slow growing, spreading, dense dark foliage. Picturesque.

* 4-6 in. X.....	\$5.50	\$30.00
* 8-10 in. X.....		40.00
10-12 in. XX.....		140.00
15-18 in. B&B.....	8.50	80.00



COLLECTION DWARF YEW. All 8 to 10 inch transplanted, heavy little trees. Roots packed in damp moss. Four different named kinds, our selection, but all low-growing. (Such as *nana*, *Hilli*, *Hicks*, *Vermeulen*, *Browni*, etc.)

2 each (8 plants) for \$9.50 postpaid.

5 each (20 plants) for \$16.50 postpaid.

Photo shows (left to right)

Rear Row: *Capitata*, *Sentinel*, *Pillar*, *Pillar*, *Robusta*, *Stricta*.

Front Row: *Kelsey*, *Nana*, *Vermeulen*, *Cuspidata*.

FLOWERING TREES

Fall planting of these beautiful trees is safe and easy. Failures are seldom reported. No special fall treatment. Water regularly until freeze-up.

CERCIS canadensis (Red Bud). 20 ft. Zone IV. Rosy pink buds cover bare branches in April. Humus. Beautiful. Part shade.

* 12-in. S.....25 for \$3.00, 100 \$9.00
* 2-3 ft. X.....5 for \$7.00, 100 \$72.50
5-6 ft. \$3.00 (5 for \$12.50)

CHIONANTHUS virginica (White Fringe). 25 ft. Zone IV. Fragrant white tassels in May. A slow tree, but worth waiting for. Good drainage.

4 to 5 ft. \$5.00, 5 for \$20.00

— **retusus**. 18 ft. Zone V. Similar, and as handsome as the above. Blooms June-July, when few trees bloom, and for this reason very desirable. Rare.

3 to 4 ft. \$5.00 4 to 5 ft. \$7.50

Franklinia



CORNUS florida (Flowering Dogwood). 25 ft. Zone IV. Very showy white in May, red berries October on. Acid, humus.

* 12 to 18 in.25 for \$6.00, 100 \$18.00
2 ft. X.....5 for \$7.00, 25 \$25.00
3 to 4 ft. \$2.75 each (5 for \$10.00)
5 to 6 ft. \$4.50 each, 5 for \$20.00

— **fl. rubra** (Pink Flowering). Pink flowers. No real red is known, but the clear pink is a beautiful tone. Plant in with white for best effect.

* 12 in. grafts.....5 for \$12.00, 100 \$180.00
3 to 4 ft. \$7.75 each, 5 for \$35.00

— **fl. Prosser**. The nearly-red Dogwood. New. Much darker than rubra.
12 to 18 in. grafts..... \$4.00, 5 for \$17.50

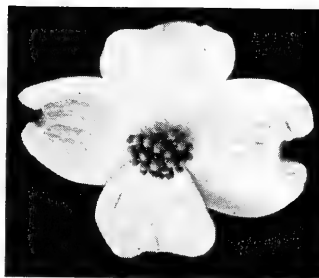
— **kousa** (Japan Flowering Dogwood). 20 ft. Zone V. Like our native C. florida, but in June and more tolerant. Bushier.
1 to 2 ft. (pot) \$2.50, 10 for \$20.00

CRATAEGUS cordata (Washington Thorn). 20 ft. Zone IV. Round head, bushy. Red fruit all winter.

2-3 ft. X..... \$2.00, 10 \$15.00, 100 \$125.00

— **oxycantha splendens**. (Paul Scarlet Hawthorne). 20 ft. Zone IV. Showy red flowers. Red berries. Prefers sun, lime, and heavy soil—even clay. In light soils, manure.

2 to 3 ft. X.....5 for \$9.00, 25 \$35.00
4 to 5 ft. \$3.75, 5 for \$17.50



JAPANESE CHERRIES

Very showy Zone V trees to 20 ft. Flowers in May.

— **Kwanzan** — Dark rose. Spreading.

— **Amanogawa** — Pink, Narrow column.

3 to 5 feet.....\$5.50 each, 5 for \$25.00

SORBUS aucuparia (European Rowan Tree). 30. ft. Zone II. Clusters of orange, in August. Showy.

* 1½ to 2 ft. X.....5 for \$5.50 (100 \$60.00)
5 to 6 ft. \$4.00, 10 for \$30.00

SEVEN RARE TREES

FRANKLINIA ALATAMAHA

Ben Franklin's Tree

35 ft. Zone V. Large white and yellow blooms fragrant from August to frost. Damp, acid, humus, blooms best in sun. An extraordinary native.

Leaves bright red in autumn—while white flowers still open. The only flowering tree that blooms in late fall. Unlike most trees, small sizes need more "nursing" than larger.

(Each)	(10)
12 to 18 in. seedlings.....	\$10.00
3 to 4 ft.	\$7.00 60.00
5 to 6 ft.	12.00 110.00
6 to 7 ft.	15.00 125.00

LABURNUM vossi (Hybrid Golden Chain). 35 ft. Zone V. Hardier and freer to bloom. A clearer yellow color. Lime. Bright green stems in winter.

4 to 5 ft. \$5.00 each, 5 for \$20.00
2 to 3 ft. \$3.00 each, 5 for \$12.00

TAXODIUM distichum (Bald Cypress) — 80 ft. Zone V. Is not evergreen, but looks like one. Graceful, feathery pyramid. Very fine shade tree. Tolerant. 4 ft.

2 to 3 ft. X..... \$2.50 each, 5 for \$10.00

MAGNOLIA macrophylla (Big-leaf Magnolia). 60 ft. Zone V. 18-inch leaves, foot-wide flowers May, fragrant.

* 6 to 12 in. S.....2 for \$1.90 postpaid
(5 for \$4.00)

HAMAMELIS japonica (Japan witch-hazel). 25 ft. Zone V. Showy, large yellow flowers in Feb. and March, unhurt by cold.

* 6 to 12 in. S.....2 for \$1.90 postpaid
(5 for \$4.00)

PSEUDOLARIX (Golden Larch). 100 ft. Zone V. Rare, beautiful. Feathery leaves turn golden before they fall. Acid.

* 8 to 15 in. S.....2 for \$1.90 postpaid
(5 for \$4.00)

PTEROSTYRAX hispida (Epaulette Tree). 40 ft. Zone V. Exceedingly rare and handsome. Large hanging panicles of creamy white fragrant flowers, June. Tolerant. (Only small plants available. Plant in corner of garden for a year's nursing.)

* 6 to 12 in. S.....2 for \$1.90 postpaid
(5 for \$4.00)

MALUS-Flowering Crabs

Vigorous, hardy, and breathtaking. These small trees in season are masses of bloom.

Zone III to V. Easy to grow. Showy in May. Any one kind.

* 1 to 2 ft.5 for \$6.50 (25 for \$35.00)
3 to 5 ft.\$3.50 each (10 for \$28.00)

Eleyi. 20 ft. Red flower and leaf.

Floribunda. 18 ft. Pink, opens white.

Flor. purpurea, purple leaf form.

Theifera. 15 ft. Pink to white.

Matthews. 20 ft. Pink bloom, large fruit.

Micromalus (Midget Crab). 12 ft. Dense upright growth. Lark pink blooms.

STEWARTIA monadelpha. 50 ft. Zone VI. Handsome tree with white flowers in July. Rare and beautiful. Acid, humus.
2 to 3 ft.\$3.50 3 to 4 ft.\$5.00

FAGUS purpurea (purple Beech). Reddish-purple leaves all summer. 50 ft. Zone V. 2 to 3 ft. B&B\$11.00 each, 5 for \$50.00

MAGNOLIA glauca (Swamp Laurel). 16 ft. Zone V. Prefers moist, but tolerant. Semi-evergreen. White blooms scattered from June to August. Very fragrant.

* 6 to 12 in. X.....5 for \$5.00, 100 \$75.00
3 to 4 ft. B&B.....\$6.50 each, 5 for \$28.00

MAGNOLIA stellata (Star Magnolia). 12 ft. Shrubby. Zone V. Early April sees ribbon, white, fragrant blooms.

12 to 15 inch.....\$4.00 each, 5 for \$14.50

— **soulangeana** (Saucer Magnolia). 20 ft. Zone V. Late April show of large pink blossoms, white inside.

* 12 to 18 in.5 for \$14.50, 25 \$55.00
2 to 3 ft. B&B.....\$6.00, 5 for \$25.00

— **lennei.** Extra large, red form.

2 to 3 ft. B&B.....\$7.50, 5 for \$32.50

3 to 4 ft. B&B.....\$9.00, 5 for \$40.00

* 12 to 18 inch.....\$3.50, 5 for \$12.50

3 UNUSUAL TREES

HALESIA monticola (Mountain Silverbell). 60 ft. Zone V. Profusion of whitebells in May. Acid, humus.

STYRAX obassia. 30 ft. Zone V. Long racemes of white in June; fragrant.

SYMPLOCUS paniculata (Sweetleaf). 35 ft. Zone V. Showy white flowers in May, brilliant blue berries in Sept. An unusual and very choice tree. Easily grown.

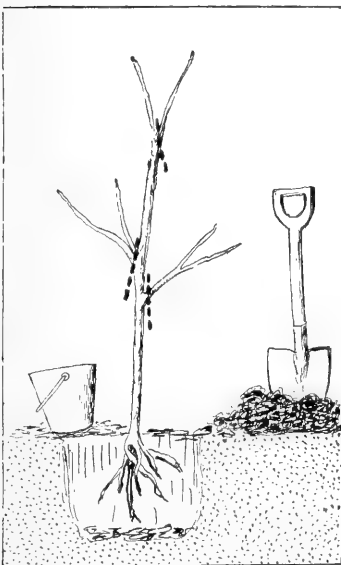
Sturdy young transplants of above 3:
12 to 18 inch X.....\$2.00 each, 5 for \$6.00
(2 each, 6 plants, for \$9.00 postpaid)

BARGAINS IN YOUNG TREES

All the kinds below in the special sizes offered will succeed fully as well planted in Oct.-Dec. as in spring and they will grow 50% better next summer! Only exceptions are the Birch and Beech, which add perhaps 10% to transplanting risk by fall planting in sizes offered.

5 of one kind at 10 rate, 50 at 100 rate.

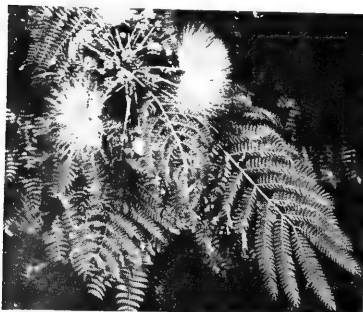
	(10)	(100)		(10)	(100)
AGER (Maple)			POPLAR Carolina	4 to 5 ft.	\$10.00 \$85.00
Rubrum (Red Maple)	4 to 6 ft. \$15.00	6 to 8 ft. \$25.00	Lombardy	5 to 6 ft.	6.50 55.00
	6 to 8 ft. 22.00	180.00	Bolleana	4 to 5 ft.	11.00 95.00
saccharum (Sugar Maple)	4 to 6 ft. 15.00	6 to 8 ft. 22.00			
	6 to 8 ft. 22.00	180.00	QUERCUS (Oak)		
BETULA alba (White Birch)	2 to 3 ft. 8.00	80.00	Palustris (Pin Oak)	4 to 6 ft.	30.00 250.00
populifolia (Gray)	4 to 5 ft. 18.00	140.00	Borealis (rubra) Red Oak	4 to 6 ft.	30.00 250.00
papyrifera (paper)	4 to 5 ft. 18.00	140.00			
CLADRASTUS (Yellow-wood)	4 to 6 ft. 27.50	200.00	SALIX (Willow)		
CORNUS florida (dogwood)	4 to 5 ft. 25.00	200.00	Babylonica (Weeping)	4 to 5 ft.	9.50 85.00
JUGLANS nigra (Walnut)	5 to 6 ft. 11.00	80.00	Wisconsin (Hardy Wpg.)	4 to 5 ft.	9.50 85.00
cinera (Butternut)	4 to 5 ft. 15.00	125.00	Golden Weeping (Niobe)	4 to 5 ft.	9.50 85.00
LIQUIDAMBER (Sweet Gum)	4 to 5 ft. 14.00	120.00	Golden Willow	4 to 5 ft.	9.50 85.00
LIRIODENDRON (Tulip)	4 to 5 ft. 12.50	95.00	Laurel-leaf	4 to 5 ft.	9.50 85.00
PLATANUS (Amer. Sycamore)	4 to 5 ft. 12.50	6 to 8 ft. 22.50	SORBUS (Mountain Ash)	4 to 5 ft.	19.00 175.00
	6 to 8 ft. 22.50	175.00	TILIA (American Linden)	4 to 5 ft.	15.00 120.00
			ULMUS (American Elm)	5 to 6 ft.	18.00 145.00
			pumilia (Siberian)	5 to 6 ft.	15.00 130.00



A hole a foot deep and wide will be ample in most cases. Note the pruning of the tree to a single stick. This should be done on planting. Helps the tree and makes planting easier.

Deciduous Shrubs

Move safely and easily after dormancy (Oct. to Dec.). Need no attention but watering and pruning back.



Albizzia julibrissin rosea

ALBIZZIA julibrissin rosea (Hardy Mimosa). Almost a tree. 13 ft. Zone V. Very rare. Interesting pink flower, when blooms are scarce in July.

10 ft. specimen\$12.50 each (express)

AMELANCHIER Canadensis. 20 ft. Zone IV. Thin, bushy shrub or tree. Gay white show in early July.

* 12 in. S.....25 for \$5.00, 100 \$17.00
2 to 3 ft.\$2.25 each, 10 for \$18.00
4 to 5 ft.\$3.90 each, 10 for \$35.00

CITRUS trifoliata (Hardy Orange). 15 ft. Zone V. White, April. Fragrant yellow 2-inch fruit Sept.

* 8 to 12 in. S.....25 for \$6.00, 100 \$20.00
5 ft.\$4.50 each, 5 for \$20.00

CLETHRA alnifolia Rosea. 7 ft. Zone IV. Pink fragrant spikes. Vary from July to August. Acid soil. Rare form.

12 to 15 inch\$2.00, 5 for \$9.00

CYTISUS scoparius (Common broom). 4 to 8 ft. Zone V. Bushy, upright stems. Yellow, May-June. Drain. Sun. Perhaps the best cover for dry banks. A sight in bloom.

* 12 to 18 in. S.....10 for \$3.50, 100 \$20.00
3-inch pots\$2.25, 10 for \$15.00
4-inch pots\$2.75, 10 for \$20.00

— **praecox** (Warminster Broom). 5 ft. Zone V. Amazing shower of pale yellow in May. Outstanding.

3-inch pots\$2.25, 10 for \$15.00

EUONYMUS alatus (Winged Euonymus). 8 ft. Zone III. Pink-Crimson autumn leaves. Very showy.

* 8-in. (pot)10 for \$5.50, 100 \$40.00
2 to 3 ft.\$3.75 each, 10 for \$30.00

— **compacta**. Dense dwarf form.
1 to 1½ ft.\$2.00 1½ to 2 ft.\$2.50

FORSYTHIA Spring Glory. A new pale yellow hybrid; very showy, hardy.

1½ to 2 ft.\$1.25 2 to 3 ft.\$1.50

ILEX verticillata (Winterberry). 15 ft. Zone III. Dampness preferred. Many red berries all winter. A show.

* 12 in. S.....25 for \$4.00, 100 \$12.00
3 to 4 ft.\$1.90, 10 \$15.00, 100 \$125.00

MYRICA carolinensis (Bayberry). 6 ft. Zone II. A shapely rounded bush. Good foliage. Barren, sandy soils.

6 to 12 in.10 for \$6.00, 100 \$40.00
15 to 18 in.\$3.50 each, 10 for \$30.00

NEVIUSA alabamensis (Snow Wreath). 5 ft. Zone V. Showy white, odd blooms in masses, June. Drain.

12 to 15 inch\$1.50, 10 for \$12.50

PHILADELPHUS Virginal. 8 ft. Double, fragrant, translucent white blossoms load the bush in June. Then more sparsely through summer. Zone V.

1½ to 2 ft.\$1.10, 10 \$9.50, 100 \$80.00
3 to 4 ft.\$2.25 each, 10 for \$19.00

— **Minnesota snowflake** (new). Double, fragrant, large flowers. Zone III.

18 to 24 in. ..\$1.50, 10 \$12.50, 100 \$110.00
2 to 3 ft.\$2.00 each postpaid

SYRINGA *Lilacs*

All tolerant, but need extra lime.

NAMED FRENCH LILACS

Huge fragrant trusses in many colors. Both "S" (Single) and "D" (Double) forms are charming. Ratings below are by experts — 10.0 would be perfect. Color notes are mere indications.

Any 5 below 18-24 inch for \$8.50—postpaid. (25 for \$30.00)

Ellen Wilmott (8.0) — D. White.

Hugo Koster (5.9) — S. Lilac.

Jan van Tol (7.5) — S. White.

Lamartine (6.9) — S. Early pink.

Ludwig Spaeth (7.8) — S. Purple.

Mont Blanc (7.7) — Good white.

Monument (8.7) — S. White.

Pres. Fallieres (7.7) — D. Lavender-rose.

Pres. Grevy (6.9) — D. Bluish.

Pres. Lincoln (7.8) — S. Clear Blue.

Royalty (8.0) — S. Purple. Late.

Vauban (6.2) — D. Pink. Early.

Waldeck-Rousseau (6.7) — D. Mauve-pink.

VIBURNUM burkwoodi. 5 ft. Zone V. New hybrid, with fragrant pink blooms in May, borne young. Superior to *Carlesii* though similar. Half evergreen.

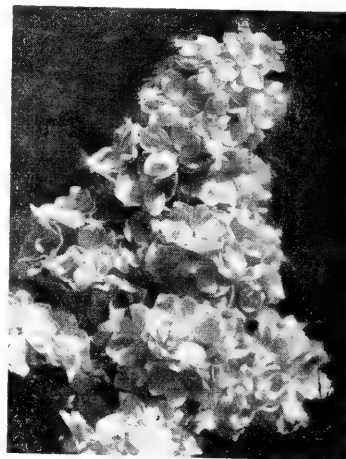
1 to 1½ ft.\$2.75 each, 10 for \$22.50

tomentosum (Doublefile Viburnum). 10 ft. Zone IV. Horizontal strings of snowy blooms in June. Neat.

18 to 24 inch\$2.00 each, 10 for \$18.50
3 to 4 ft.\$4.00 each, 10 for \$37.50

tom. plicatum (Japan Snowball). Form without fruit, but showier bloom.

1½-2 ft.\$1.35, 10 \$12.00, 100 \$95.00



vulgaris (Old-fashioned Lilac). 15 ft. Zone III. Spreads by suckers to huge clumps. Purple, May. Fragrant.

* 12 in. S.....25 for \$5.00, 100 \$17.50
2 to 3 ft.\$1.15, 3 for \$3.25

v. alba. White form of above.
2 to 3 ft.\$1.15, 3 for \$3.25

FRUITS and NUTS



BLUEBERRY PRICES

	(Each)	(10)	(25)
NAMED			
KINDS			
2 yr., 6 to 12 in.....	\$ 8.50	\$16.00	
3 yr., 12 to 18 in.....	\$1.25	9.50	18.00
3 yr., 18 to 24 in.....	1.75	13.50	26.00
4 yr., 2 to 3 ft. (bearing)	2.00	15.00	30.00
MIXED: 18 to 24 in. (our selection).....		11.50	22.50

Set the plants in beds 4 feet apart each way. Several varieties should be included in every planting, as an exchange of pollen is necessary to produce good crops of berries. Or order "mixed" if you wish—we will assort for good pollenization. **All varieties are almost equally fine.**

Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture, and good drainage so that the roots can get air during the growing season.

All can be planted in Oct.-Nov., almost a year gained over next Spring and identical success. A sod mulch helps.

BLIGHT RESISTANT CHESTNUTS

Chinese Chestnut (*Castaneo mollissima*). Similar to the American in flavor (sweet). It is inured to the Chestnut blight. Lives and bears in Zone V. Bears very young. Because of cross pollenizing needs, we will not sell less than 3 trees.

1½ to 2 feet S.....	5 for \$5.50, 100 for \$65.00
4 to 5 feet X.....	3 for 9.50, 10 for 30.00

Huge Hybrid Blueberries

Really beautiful as specimens or in hedges. Suited for use in small quantities in the small garden. A 10-foot hedge will pay about \$25 worth of berries a year! (Spaced 18 inches.)

Why Wait? Plant Some NOW!

And enjoy the berries sooner. Not only will they add beauty to your garden but each bush will pay for itself many times over! Hardy throughout U.S.A.

Cabot. Early, broad spreading bush. Home use.

Concord. Hardy, upright, midseason. Fine quality. Large.

Jersey. Latest and largest berry. Hardest.

June. Erect bush. Earliest, dark blue berries.

Rancocoas. Early, good quality.

Rubel. Late. Tallest, most erect.

Pioneer. Fairly early, low, bushy. Large berries in heavy clusters. Fine.

BLACK WALNUTS—Zone IV.

One of our most beautiful native trees, growing well in any fertile well drained soil. The grafted sorts bear their first nuts commonly in the third to fifth year.

Thomas is a rapid-growing tree. The meat is attractive and tasty, falls out easily in halves. 3 to 4 feet.....\$6.00 each, 3 for \$16.50

Grafted English Walnut

Grafted on black walnut roots, it becomes hardy in Zone V and can be grown safely and fruited easily.

Franquette—a fine variety, thin shells. 2 year grafts.....\$4.25 each, 3 for \$11.50

European Filberts

Shrub to 15 feet, hardy in Zone III. Because of pollination, all three of the following varieties ought to be planted together: Barcellona, DuChilly, and Daviana.

Strong 2-year plants, 3 for \$11.50, 6 for \$22.00

ADAMS ELDERBERRY

The large berries and extra fruit clusters are a decided improvement for pies, jam and wine. Zone IV.

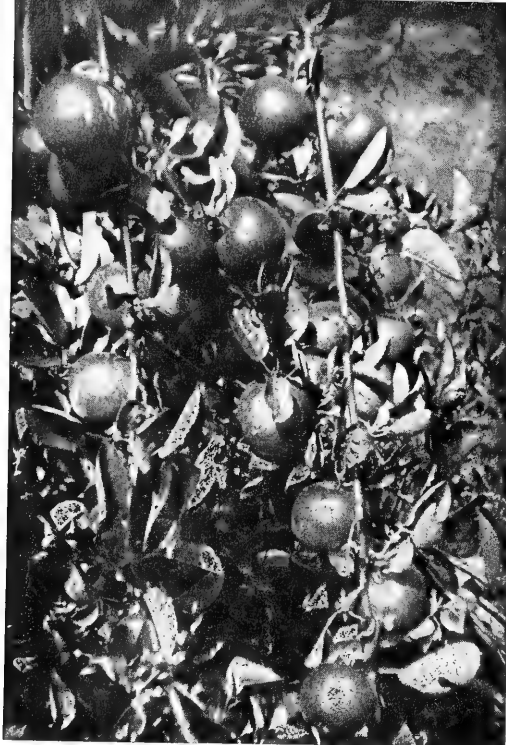
2 feet.....\$1.35 each, 10 for \$9.00

BEACH PLUM

Prunus maritima grows 6 to 8 ft. high, hardy into Zone III. Thrives in gardens better than on seashores. Good drainage. Fine, useful plums. 1½ to 2 feet.....\$1.95 each, (25 for \$20.00 for mass planting)

NEW AMERICAN MULBERRY

Ever-bearing, from June until September. Large, refreshing berries without the mawkish sweetness of most varieties. Zone IV. 4-5 ft. trees.....\$3.50 each, 10 for \$27.50



Amazing loads of fruit on Dwarf Tree.

Dwarf Fruits

A tree whose fruit is as large or larger than ordinary, but which never grows very tall—perhaps ultimately 12 to 15 feet. Space 12 feet apart.

A dwarfed tree can be sprayed, pruned and picked by hand without ladders, equipment or professional skill. It bears much earlier in life, in its third or fourth year at latest—often earlier—and carries amazing loads of fruit. Dwarfed fruits (especially Plums and Peach) are less liable to borers and other pests.

PRICES: All kinds listed below:

1 year—Not branched	\$2.60	Add 50¢ packing on orders under \$10
2 year—Branched	3.90	
3 year—Heavier	5.25	

All three ages are about the same height. Most are 3 to 4 feet high, but apples often are still dwarfier. If extra dwarf apples wanted, specify Malling 9.

Many fruits do not bear good crops if planted separately. Pollen from nearby trees of different variety is often needed. Noted on these pages by:

•—self-unfruitful. Do not plant by itself, but always with another variety of the same fruit.

(P)—good pollinizer.

PEARS (Pyrus) Zone IV.

Dwarf: Space 12 ft., bear 3rd yr.
Standard: Space 20 ft., bear 6th yr.

- **Bartlett.** Large, rich, juicy, golden. Canning, eating. Early Sept.
- **Beurre Bosc.** Very large, rich, juicy. Late Sept.-Nov. Eating.
- **Duchess d'Angouleme.** Extra large, greenish yellow, spotted. Excellent. Long-lived. Young bearer.
- **Clapp Favorite. (P)** Fruit large, pale, fine-grained, juicy. August.
- **Seckel.** Small, attractive. Blight-resistant. Sept.-Oct. Eating, pickles.
- **Gorham.** A Bartlett, 3 weeks later.
- **Anjou.** Large yellow. Tender, very juicy, spicy, rich. Eating. October.

PLUMS (Prunus) Zone III.

Dwarf: Space 12 ft., bear 3rd yr.
Standard: Space 20 ft., bear 5th yr.

Trifloras and European varieties do not cross-pollinate.

TRIFLORAS (P. Salicina)

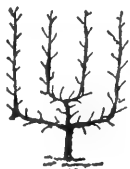
- **Abundance.** Red, medium sized. Flesh yellow, juicy. Vigorous, productive. Aug.
- **Burbank.** Red, medium sized. Flesh yellow, very juicy. Late Aug.
- **Santa Rosa.** Large juicy red. Aug.
- **Formosa.** Large yellow. Sept.

EUROPEAN (P. domestica)

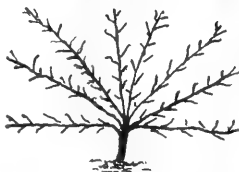
- **German Prune.** Large dark blue. Aug.
- **Lombard.** Medium-size, juicy, dark red. A hardy, prolific bearer. Sept.
- **Reine Claude** (Bavay's Green Gage). Large, yellow. Late Sept.
- **Stanley.** Large dark blue prune. Annual bearer. Late Sept.
- **Damson.** Small, purple. Cooking. Sept.
- **Shiro.** Gold, juicy. August.
- **Bradshaw.** Large dark violet. Annual bearer. Delicious quality. Sept.



U-Form
4 to 6 feet
Apples
Pears
Peaches
Nectarines
Apricots
\$11.25 each



Four-Arm
5-6 ft. (heavy)
(4 feet wide)
Apples
Pears
Plums
\$16.75 each



Fan-Shaped
6 to 8 feet
(8 feet wide)
Plums
Peaches
Nectarines
Apricots
\$16.75 each

CHERRIES (*Prunus*)

Need extra heavy pruning when planted.
Standards: Space 20 ft., bear 5th year.
Dwarfs: Space 12 ft., bear 3rd year.

SOUR (*P. Avium*) Zone IV.

Early Richmond. Clear red, medium sized. June. One of the best.

Montmorency. Largest, firm flesh. Disease resistant. Finest quality. June.

English Morello. Best late variety. Mid-July. Tart, large, red.

SWEET (*P. cerasus*) Zone V.

- **Black Tartarian.** (P—best.) Purplish black. Juicy, rich flavor. June.

- **Windsor** ("Black Oxheart"). Large, dark, juicy, firm. Late July.

- **Napoleon** ("White Oxheart"). Rich, sweet yellow. Late June.

- **Schmidt Bigereau.** Huge black. Delicious. Early July.

PEACH (*Prunus*) Zone V.

Needs annual pruning of excess branches.
Standard: Space 16 ft., bear 3rd year.
Dwarf: Space 10 ft., bear 2nd year.

Belle of Georgia. White, rich flavor. Vigorous, productive. Sept. Extra hardy.

Champion. White, firm, sweet, juicy, thin-skinned. Extra hardy. Eating, cooking, canning. Sept.

Elberta. Yellow. Fruit large, firm, and excellent for canning. Sept. 15.

Early Elberta. Similar, but a week earlier.

Golden Jubilee. Yellow. Aug. Extra hardy. Juicy, sweet, yellow flesh.

- **J. H. Hale.** Yellow, large, firm. Not vigorous but very delicious. Sept.

Valiant. Yellow, extra hardy. Late August. Large, good fruit.

- **Hale Haven.** A marvelous large yellow peach. Hardy. Delicious flavor. Early Sept.

APRICOT (*Prunus*) Zone V.

Standard: Space 18 ft., bear 4th year.
Dwarf: Space 10 ft., bear 3rd year.

- **Moorpark.** Large, yellow, red cheek. August.

- **Early Golden.** Fine flavor, medium large, fuzzless, pale orange.

NECTARINE (*Prunus*)

(Same as peach, but fuzzless.)

Surecrop. Large, round, white with red. Firm, tender pleasing. Vigorous.

QUINCE (*Cydonia*) Zone IV.

Standard: Space 16 ft., bear 5th year.
Dwarf: Space 10 ft., bear 3rd year.

Orange. Large yellow. Sept. Preserves.

Standard Fruit Trees

You may use the low 10 rates if your assorted order totals 10 mixed fruit trees.

PRICES

(1 to 9) (10 to 49)

	each	each
APPLES—2-yr., 5 ft. 11/16 in.....	\$1.95	\$1.55
CHERRIES—2-yr., 5 ft. 11/16 in.....	2.50	1.95
PEACHES—1-yr., 4-5 ft. 9/16 in.....	1.55	1.20
PEARS—2-yr., 4-5 ft.....	1.90	1.50
PLUMS—2-yr., 4-5 ft.....	1.90	1.50
APRICOT—2-yr., 4-5 ft.....	1.90	1.45
NECTARINE—1-yr., 3-4 ft.....	1.70	1.40
QUINCE—2-yr., 4-5 ft.....	2.20	1.50



APPLES (*Malus*) Zone III.

Standard: Space 25 ft., bear 7th year.
Dwarf: Space 12 ft., bear 3rd year.

CRAB APPLES

Hyslop. Large, purplish red. Flesh yellow, pleasant. Biennial bearer.

Dolgo. Handsome flowering crab. Makes ruby red juice. Sept.

SUMMER APPLES

Red Astrachan. (P) Large striped red. Young biennial bearer. Eating, cooking.

Early McIntosh. (P—best for Northern Spy.) Like McIntosh. Biennial bearer. Eating, cooking, baking.

Yellow Transparent. Golden, juicy. Young biennial bearer. Cooking.

AUTUMN APPLES

Gravenstein. Large striped red. Good quality. Eating and cooking.

- **McIntosh.** (P) Striped; delicate, aromatic flesh. Young annual bearer. Eating, cooking, baking.

- **Red McIntosh.** (P) Solid red form.

- **Wealthy.** (P) Striped red, wonderful flavor, juicy. Young annual bearer. Eating, cooking, baking.

WINTER APPLES

Baldwin. Large, red, hardy, good quality. Biennial bearer. Eating, cooking.

- **Cortland.** (P—best for McIntosh.) Larger, late keeping McIntosh. Annual bearer. Eating, cooking.

- **Delicious.** (P) Crimson. Crisp, tender, juicy. Annual bearer. Eating.

- **Golden Delicious.** Large, yellow. Marvelous flavor. Young annual bearer. Eating, cooking.

Russet. Highest quality cider-apple. Spring eating, baking.

- **Northern Spy.** (P—for all but McIntosh.) Large red, striped, high flavor. Annual bearer. Eating, cooking.

- **Red Delicious.** (P) Solid red strain.

Rhode Island Greening. Large green-yellow. Annual. Eating.

Jonathan. (P) Small, but crisp, juicy, sprightly. Biennial. Eating.

Rome Beauty. (P) Heavy annual bearer. Striped, large. Eating, cooking.

- **Stayman Winesap.** Young annual bearer. Zone V or South. Crisp, winey, juicy. Baking, eating.

New Hybrid Grapes

High quality grapes on far less vigorous (and less troublesome) vines.

No permanent canes needed; only a short trunk or shank. Grapes grow on new wood, which is pruned away each year.

Most kinds bear about Concord time. Bacco, Florence, Angele are perhaps two weeks earlier. Siebel 14 and Jacques Wolf, a week later.

North American grape vines yield an unpleasant foxy flavor, tough skin, coarse seeds, and other inferior qualities that make them undesirable either as table or wine grapes.

The European Grape (*Vitis vinifera*) is far superior to our native grapes. However, it has not the stamina to withstand sub-zero weather and succumbs disastrously to diseases, while our hardy native grapes remain immune.

Breeders have produced varieties that combine the best qualities of both species to produce the ideal grape vine: namely, resiliency to our cold climate and diseases; absence of all foxiness, as with the old Concord. These Hybrid Grapes possess a pleasant sweetness and a certain native fruitiness, that makes them in many respects far superior to the California as either fine table or excellent wine grapes.

They lend themselves to Spur pruning. This quality simplifies the pruning and care of the vines and permits one to easily train them into permanent pleasing patterns. They can be grown even on a six foot pole, to produce from 10 to 30 pounds of luscious grapes. The clusters are of immense size, some of the varieties have as many as 150 big clusters the second year planted.



STURDY, WELL ROOTED VINES — Zone V.

2 Year No. 1

\$2.75 each postpaid

BACCO No. 1—Fine strong growing plant, excellent for trellises, dark red, medium size berries, good wine and table grape.

SEIBEL No. 1—Black, long clusters, tart, fine for wine and jelly.

SEIBEL No. 14—Enormous big clusters, shouldered cluster, big berries, good table and wine grape. Black.

WESTCHESTER—Roseate white, long clusters, very sweet, finest for table and wine, very abundant bearer, absolutely free of foxiness.

MADELEINE—White Muscat, big berries, long clusters, finest of table grapes.

FLORENCE—Pink, loose cluster, big berries, extremely sweet, very prolific, fine table grape.

ANGELE—Black medium berries, loose cluster, very sweet, absolutely vinifera, finest table grape.

JACQUES WOLF—Black grape, big cluster, fine for wine and jelly. (Aestivalis X St. Jacques.) Vinifera.

SEIBEL No. 5860—Good table and wine grape, white, good all around qualities.

MARGUERITE—Black grape, big cluster, good for table.

ELLEN SCOTT—Red, very sweet, fine table grape.

Spring Bulbs

DARWIN TULIPS

(May: 1½ to 3 ft. Lift every 2 years.)

The showiest tulips. Magnificently large blooms, strong vigorous stems.

Bartigon—Fine fiery red. Large.

Blue Amiable—Large heliotrope blue.

City of Haarlem—Immense scarlet, blue base, white edge.

Clara Butt—Beautiful soft salmon rose. Most popular color in Darwins.

Farncombe Sanders—Famous large scarlet, clear white base.

Faust—Purple maroon, blue base.

Giant—Large, tall purple-violet with blue and white base.

Gloria Swanson—Carmine, with blue.

La Tulipe Noire—Very dark maroon, velvety. The "Black Tulip."

Niphotos—Cream outside, soft yellow low inside. Long flower. Outstanding.

Pride of Haarlem—Large, old rose.

Princess Elizabeth—Rose-lilac, edged rose. White base.

Victory (d'Oliviera)—Solid brilliant red with black and white center.

William Copeland—Old lavender favorite.

Yellow Giant—Large, tall, bright yellow with black base.

Zwanenburg — Large, tall. Pure white throughout except for black stamens.

DOUBLE EARLY TULIPS

Orange Nassau—Orange and scarlet.

Peach Blossom—Soft rosy pink.

Red Emperor Tulip. Huge red goblet that has caused such a sensation wherever seen this past spring. Very early, tall, enormously long petals, black base.

Bag of 25 (12 cm.) for.....\$4.00

for Fall Planting

Order Tulips Now!

Any tulip here listed is priced \$5.75 per bag of 50. Top size 12 centimeter bulbs. 50 of one kind minimum order. This figures out to the low price of 11½¢ ea.

COTTAGE TULIPS

("May-flowering")

Usually bloom in mid-May. Easier to grow, need not be lifted every few years. Tall, sturdy stems—the newer kinds as sturdy as Darwins and with large flowers.

Carrara—Purest white, ivory stamen.

Mazepa—Extremely brilliant, rich red. White center.

Mrs. Scheepers—Stunning tall golden. Long petals. Outstanding.

World's Fair—Imposing large, tall, brilliant rose. Cream base.

Wall Street—Fine golden yellow.

Yellow Emperor—Metallic golden-yellow. Large bloom, strong stem.

10 EACH OF 5 BETTER, NEWER TULIPS
the bag of 50 . . . 11 cm. bulbs.....\$6.00

Blue Parrott—Gorgeous huge, frilled and lanced and splashed.

Red Emperor—Huge early blooms. Brightest red in the garden. Early.

Duke of Wellington—Pure White, even the anthers. (Darwin)

Golden Age—Deep gold, edged orange. One of the finest.

World's Fair—Brilliant rose, large imposing bloom. (Cottage)

**HERE'S PROOF OF
HOW YOU SAVE . . .
when you buy top-size**



This actual photograph shows two tulip bulbs of the same kind exactly. Only the size of the bulb

was different . . . growing conditions were identical. You can see clearly the vast difference in the final result . . . the larger bulb produces a bigger, healthier plant, and a very much larger flower.

NARCISSUS

A bag of 25 double-nose bulbs of any one kind below priced at \$3.75

Trumpets

Dawson City—Golden yellow, large trumpet, flat perianth.

Emperor—Rich yellow trumpet, primrose perianth. Old favorite.

King Alfred—Bold golden trumpet. Sturdy. Deeply frilled. Popular.

Short Cups

Stolberg—Pure white cup on cream.

Carlton ("Nimrod")—Outstanding giant. Clear yellow, huge frilled cup, almost a trumpet.

Lady Diana Manners—Orange-red cup on creamy white perianth.

Nette O'Melveny—Tall white. Crown yellow, orange picotee edge.

Scarlet Elegance—Scarlet on yellow.

Bulbs for Naturalizing

It is not generally realized how many kinds of bulbs may be permanently planted—to last for decades if properly set out, giving a yearly show of bloom.

NATURALIZING NARCISSUS

Not all kinds do equally well when naturalized, and we have selected a special assortment for this purpose. All types represented, including daffodils.

	(100)	(1000)
Top size round bulbs.....	\$8.00	\$70.00

MIXED TULIPS FOR MASSING

Sold only in bags of 100. Size of bulb 11-12 cm, the "first-size" of most bulb catalogs.

	(100)	(1000)
Darwin Tulips	\$7.50	\$69.00
Cottage Tulips	7.00	65.00

CROCUS

(½ ft. April)—The Dutch Crocus—showiest of all early Spring flowers. PERMANENT when planted in sunny well-drained soil. 8 to 10 cm. bulbs.

	(100)	(1000)
Mixed colors	\$5.50	\$50.00
Named colors	7.50	70.00

GALANTHUS SNOWDROPS

¾ ft. White, March) Remain a lifetime in bloom.

	(100)	(1000)
Single	\$6.00	\$54.00
Double	7.00	64.00

MUSCARI GRAPE HYACINTHS

(½ to 1 ft. April) The drifts of blue are immensely effective. Shade.

	(100)	(1000)
Armeniacum—Huge	\$5.50	\$50.00

CHIONODOXA Glory-of-the-Snow

(¾ ft. March) Like blue Snowdrops. Permanent.

	(100)	(1000)
Lucile—Clear blue	\$5.50	\$50.00

SCILLA

(1 ft. April) Thrive in bare sandy places.

	(100)	(1000)
Spring Beauty	\$8.00	\$70.00

Blue, huge

	5.50	50.00
Campanulata— White, Blue, Pink		

Poetaz

Several flowers on each stem, tall, extra hardy, vigorous, fragrant.

Scarlet Gem—Primrose-yellow and deep orange. Good forcer.

L'Innocence—White perianth, large soft orange cup.

10 EACH OF 5 NEWER, BETTER NARCISSUS
the bag of 50 double-nose bulbs\$10.00

R. O. Backhouse—The pink daffodil.

Fortune—Copper red, huge.

Rembrandt—Big golden trumpet.

Geranium—Many, fragrant orange on white flowers.

Texas—Huge double-red.



PERENNIALS that Prefer FALL

Some perennial plants seldom succeed with spring planting; others (like early spring wildflowers) take spring planting reluctantly—really do far better in fall. On these pages most kinds that ought to be fall planted are listed. (In addition most ordinary perennials will succeed in fall as well as in spring, and may be ordered from our spring 1953 Short Guide.)

Photo: *Lady Slippers*

MODERN BEARDED IRIS

are exciting, bright, clean colors . . . are huge, with often several flowers to a stem. They are nothing at all like old-fashioned German Iris of even twelve or fifteen years ago. The best of the new ones as they come out sell for very high prices, but when available in quantity the price drops. Here are 24 such, still considered among the top quality, but which are now available at \$1. or less:

Azure Skies—Ruffled, lavender, blue, solid color. Low. \$.75

Berkeley Gold—Large solid yellow, clear color. Late. Well branched stem. \$.75

Blue Shimmer—Creamy white, edged and dappled blue. \$1.00

China Maid—Blended pink, bronze and lilac. Still good. \$.85

Deep Velvet—Dark red-purple, a glowing color. \$.65

Great Lakes—Pure blue, lighter beard. Grand. \$.75

Gudrun—Several huge pure white blooms per stem. \$.50

Lady Mohr—Oyster white and chartreuse. Impressive. \$1.00

Master Charles—Glowing mulberry purple. Brilliant. \$1.00

Mulberry Rose—Pinkish mulberry-brown. Unusual. \$1.00

Mohrson—Huge, veined violet. Very unusual, yet beautiful. \$.60

Ola Kala—Deep yellow, ruffled. Striking in landscape. \$1.00

Ormoco—Metallic violet-bronze, with true brown. Fine. \$.85

Ormohr—Immense blooms of silvery violet, veined violet. \$.50

Pink Ruffles—Pale and deep pink, nicely ruffled. \$.85

Pink Satin—Solid pink. Clean. \$.50

Prairie Sunset—A blend of bright sunset tones. \$1.00

Rosy Wings—Pinkish brown, orange beard. Fragrant. \$.50

Sable—Deepest blue black. Large, tall. Glowing color. \$1.00

Sharkskin—Very large, very white. Showiest. \$.85

Snow Flurry—Blue-white; icy and perfectly formed. \$1.00

The Red Douglas—Large, reddish, orange beard. \$.75

Tiffanja—Yellow cream, touched with tan. Very fine. \$1.00

Wabash—Still thought the finest iris. Violet and white. \$.65



Lilies

75¢ each, any 6 for \$3.25

Auratum—Large white, dark spots and gold band. (Set 6 in. deep.)

Candidum (Madonna)—Huge, fragrant white in July. (Set 4 in. deep.)

Speciosum magnificum—White, overlaid pink. Spotted. (Set 6 in. deep.)

True Bleeding Heart

Dicentra spectabilis. Old favorite. Showy pink all summer. Space 19 inches, shade. Plant early in spring or better in fall. 3 for \$1.65, 6 for \$2.75.

Oriental Poppies

Bloom May-June, tolerant, any good soil. Water well. Plant Aug.-Sept. 85¢ each (pdp.). Any 6 for \$3.75

Beauty of Livermore—Dark, crimson.

Curtis Giant—Flesh-pink, tinted lavender. Often over 9-inch diameter.

Henry Cayeux Improved—Ashes of roses. Very large flowers.

Indian Chief—The best dark red. New. Vigorous, free blooming.

Olympia—Very early, double. Flame scarlet shaded salmon.

Mrs. Perry—Solid salmon pink.

Perry's White—Large white, maroon center.

Virginia Blue Bells

Mertensia Virginia—1 foot. Sheets of brilliant blue in early spring. Part shade. 3 for \$1.25; 6 for \$2.00 postpaid.

Bloodroot

Sanguinaria canadensis—18-inch. Pink-white in April. Rich soil in shade. 3 for \$1.25; 6 for \$2.00 postpaid.

Liverleaf Hepatica

Hepatica triloba—6-inch. Flowers vary from pink to blue-white, early spring. Acid, shade. 3 for \$1.25; 6 for \$2.00 postpaid.

Trillium

Favorite lily-like natives, for shady woods. Flowers must not be picked. Any one kind 6 for \$1.25 postpaid. (\$20 per 100 express not paid.)

Trillium grandiflorum—Large white flowers in May, turn pink as they age.

Trillium undulatum (Painted Trillium)—Large scarlet and white flowers.

Dog Tooth Violet

Erythronium americanum—6-inch. Attractive mottled foliage. Bright yellow flowers in early spring. 3 for \$1.35 postpaid. \$10 per 100 express not paid.

Jack-in-the-Pulpit

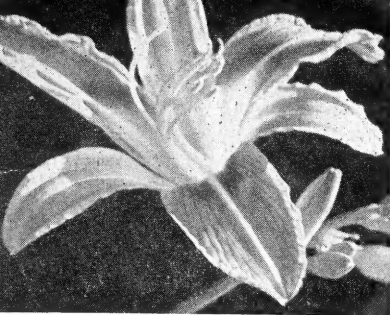
Arisaema triphyllum—8-inch. Maroon in May. Humus, light shade, moist. 6 for \$1.50; 20 for \$2.25 postpaid.

Lady Slippers

Orchids, hardy outdoors in moist, peaty shade. Bloom in May. 3 of one kind \$1.75; 6 for \$3.00 postpaid. (3 each both kinds \$3.25 postpaid.)

Cypripedium pubescens—Yellow Lady Slipper. Bright color.

Cypripedium spectabile—Showy Lady Slipper. Rosy pink, white sepals.



The New DAY LILIES (Hemerocallis)

All gay, clean colors—not one of the old-fashioned "browns" are included. Here are the best in each color and season. Sun or shade; disease-free. Each kind blooms about 4 weeks. These new kinds are sensationally handsomer than old-fashioned day-lilies: larger, brighter, showier.

MAGIC LILY (LYCORIS)

This bulb (*Lycoris squamigera*) in Spring makes attractive leaves. They die down and a month later as if by magic a tall stalk of 10 fragrant lilies thrusts up—lilac-pink, shaded blue. Hardy, remains year after year. 2 for \$2.25 postpaid.

4 months of bloom	3 Creams (All 3 for \$4.75)	3 Clear Yellows (All 3 for \$4.35)	3 Clear Orange (All 3 for \$2.95)	3 Good Pinks (All 3 for \$4.75)	3 Purple-reds (All 3 for \$5.75)
Early (May-June)	On Tour —Very pale yellow, a "must have." 3½ ft. \$3.00	Earlana —Very fine early gold \$1.25	Queen Gonzales —Solid orange, large \$1.35	Baby Tears —Rosy-red ruffled. Profuse, early. \$1.40	Purple Waters —Wine-purple. Very vigorous. \$2.10
Midseason (July)	Patricia —Creamy yellow, green throat. Fragrant \$1.10	Hyperion —The finest of all. Rich, waxy, tall. \$.75	Dauntless —Pale orange, overlap petals \$.85	Symphony —Pastel rose, yellow, striped red. \$1.35	Port —Port wine on well-branched stems..... \$1.75
Late (August)	High Boy —Very pale. 5 ft. high \$.75	Autumn Prince —Blooms to frost. Splendid. \$2.00	August Pioneer —Yellow, flushed red \$.85	Rosalind (fulva rosea) pinkest of all..... \$2.25	Persian Princess —Velvet-red, purple \$2.10

PEONIES

TREE PEONIES \$5.50 each

Rare and of great beauty, they bloom earlier than ordinary Peonies and are of immense size. These plants, in 5 inch pots, can be moved safely at any time.



Archiduc Ludovico. Enormous flower, flesh pink.
Athlete. Double glazed mauve, shaded rose.
Baroness d'Ales. Vivid salmon-pink, deeper in center.
Jules Pirlot. Satiny-pink, flushed carmine.
Reine Elizabeth. Brilliant salmon-rose.
Souv. de Ducher. Reddish-violet with silvery reflex.

We offer 15 double Peonies—which achieve about all the effects of a thousand named kinds. Each is high-rated by Amer. Peony Soc. (average 9.0; 10.0 would be perfect). Good 3-5 eye divisions. If set in deep, manured bed in sun will last for a generation without any attention. Plant late Aug. to Oct.

SPECIAL: World's highest rated peonies in 3 colors—LeCygne (9.9 white); Therese (9.8 pink); Philippe Rivoire (9.2 red); for \$8.50 postpaid.

6 weeks of bloom	5 Whites (All 5 for \$9.75)	5 Pinks (All 5 for \$7.75)	5 Reds (All 5 for \$8.75)
Mid-May	Le Cygne (9.9) Highest rated. Charming..... \$3.25	Edulis Superba (7.6) Dark pink. \$1.25	Rubra plena (8.6) Rich red. \$1.25
Late May	Kelways Glorious (9.8) Huge grand white.... \$3.00	Mons. Jules Elie (9.2) Huge light rose..... \$1.25	Longfellow (9.0) Bright crimson, gold center. \$1.50
Early June	Festiva Maxima (9.3) Large white, red spots. \$1.25	Aug. Dessert (8.7) Profuse rosy red, silver tip. \$1.50	Philippe Rivoire (9.2) Very dark, rich crimson. Fragrant. \$3.00
Mid-June	Primevere (8.5) Yellow center on white..... \$1.50	Therese (9.8) Pale old rose pink. Best pink. \$2.50	Fuyajo (9.2) Dark crimson, rose and cream center. \$2.00
Late June	Couronne d'Or (8.1) Milk-white, few red spots. \$1.25	Sarah Bernhardt (9.0) Dark rose-pink \$1.50	Felix Crousse (8.4) Brilliant, silky crimson. Lasting. \$1.25

Brownell

Sub-Zero Roses



Best Brownell Hybrid Teas

Shades of Autumn. Showy red and yellow beauty.

★ **Pink Princess.** Bud red, flower deep pink. Free from premature defoliation. Blooms all summer.

V for Victory. Large, double, yellow, fragrant, profuse.

Velvetier. Velvety, deep, dark red. Sometimes in clusters.

Lily Pons. Cream, large. Vigorous, free bloomer.

Curly Pink. Clusters of large two-toned pink all summer. Vigor, health, and constancy. New.

★ **Orange Ruffels.** Sensational new color in roses. Glowing, soft lustrous. Very steady bloomer all summer. Large flowers.

★ **Red Duchess.** Robust sturdy large red. Outstanding fragrance. Grand new rose. Brilliant, attractive, free to flower. This fine new red has attracted instant friends wherever seen in the past year. All the color and size you could want but extra hardy!

★ **Dolly Darling.** Pink, sunset and rose blend. Extra vigor and health. New.

Queen o' the Lakes. Sensational large crimson. New.

Tip Toes. Spicy fragrance. Orange and pink blend. New.

The result of long research, these roses have unusual hardiness, and improve with age, rather than slowly deteriorating like other roses.

All except
as noted.
3 for \$5.00
\$18 per doz.

**\$1.75
each**

Add 10%
for
postage

HARDINESS: Zone IV, but roots survive still colder climates. Even if tops are damaged, new growth will bloom by rose time. Tops protected by hilling or burlap seldom kill back. Any plant that fails to bloom in 2 years will be replaced free.

4 Brownell Floribundas

Everblooming, hardy, bushy clumps.

Tomkins Red. Semi-double, velvet red all summer.

Anne Vanderbilt. Exquisite coppery orange, informal, semi-double, brilliant, fragrant. All summer.

★ **Later.** Sparkling orange and yellow, semi-double.

Nearly Wild. Larger than most wild roses, single pink flowers in clusters. Gives beautiful color all summer.

4 Brownell Creepers

For ground cover, on walls, on fences.

Coral Creeper. All the shades of ocean coral complementing other delightful rose tints. (June).

Little Compton Creeper. Deep rose-pink. Single. Clusters.

Creeping Everbloom. Light crimson. All-summer creeper.

Magic Carpet. Large, double blooms, yellow and orange.

NO MORE BLACK SPOT!

Absolute resistance to this dread disease has been bred into five of these roses:

Pink Princess - Dolly Darling

Orange Ruffels - Red Duchess

Lafter

One each — 5 Kinds Available

\$9.00 postpaid

The only five such roses in existence.



5 Brownell Climbers

Vigorous, extra hardy, vivid.

Elegance. Very large, perfect bloom. White with shaded yellow center. Grand show.

Golden Climber (Mrs. A. C. James). Best yellow climber. Fragrant, Ideal for cutting.

Copper Glow. Deep coppery orange. Delightful spicy fragrance. Sensational color.

EVERBLOOMING CLIMBERS

(Specially priced at \$2.00 each.)

Climbing Break O'Day. Vigorous, everblooming apricot.

Orange Everglow. Constant copper-orange blooms. Fragrant, vigorous. All summer.



New! Everblooming Pillars

This new race is really revolutionary. A combination of HT's and ordinary climbers never before obtained. Beautiful large HT blooms all summer. Sub-zero hardiness. Bloom at ends of all stems the same year they grow. Red, pink, apricot, yellow, white in various shades. Not yet named, sold only our selection of colors (one each color) 3 for \$10. 6 for \$20. If only one desired, price is \$4. each.

They grow sturdy like climbers, but not so high. May be kept cut back as giant bush form Hybrid Teas, or as specimen self-supported bushes 5 to 8 feet tall—something that only tropical gardens hitherto have been able to show.